DRAFT
Volume II

SMITHSONIAN INSTITUTION

FIVE-YEAR PROSPECTUS
FY 1991- FY 1995

SEPTEMBER 1989

OPB file Copy
Do not Remove

Smithsonian Institution

Five-Year Prospectus, Fiscal Years 1991 - 1995

Draft

Volume II

September, 1989

Table of Contents

Introduction 1

Collections Related Research 3

Definition of Program Categories 19

Projected Operating Expenses by Bureau, by Program Category 23

Projected Operating Expenses by Bureau, by Fund Source 85

Repair and Restoration of Buildings and Federal Construction, Five-Year Program 147

Introduction

The *Prospectus* articulates the Institution's broad purpose, its immediate and general course of direction, and its resource requirements. This volume, the second of two, is a supplement to the Institution's *Prospectus*. It contains the following sections:

- examples of ongoing and planned collections related research;
- descriptions of program categories used in developing resource projections;
- projections of operating expenses for each bureau and office by program and by source of funding; and
- projections of repair and restoration projects by building.

Volume I contains the Smithsonian's operating program plans for fiscal years 1991 through 1995, and longer term plans for construction. It includes the Institution's statements of purpose, goals, and areas of emphasis, along with specific descriptions of initiatives the Institution will pursue during the next five years.

The projections of operating expenses in Volume II constitute the "bottom-up" part of planning, in that the bureaus and offices determine their projected resource needs as they appear in this document. The projections in Volume I, by contrast, represent the Institutional estimates of resource requirements.

Volumes I and II are prepared annually for the approval of the Institution's Board of Regents. The *Prospectus* should be read along with the Institution's annual report, *Smithsonian Year*.

Collections-Related Research

Traditionally, the Smithsonian's collections have stimulated much of the Institution's research. This inspiration continues, and this appendix briefly describes some of these research activities. A fiscal year 1983 inventory highlighted, for Smithsonian and other researchers, the variety, range, and depth of the collections and the potential information they contain. This inventory and several recent improvements combine to make the Institution an even more productive environment for collections-based research. Some of the recent improvements are: the establishment of research and conservation laboratories and curatorial areas at the Museum Support Center; the provision of additional internships and fellowships; the upgrading and replacement of research equipment; and the growing importance of the Institution's international functions. The strength of the Institution's collections, the depth of the Institution's support, and the keenness of the staff's research interests will ensure the continued quality and intensity of the Smithsonian's future collections research.

National Air and Space Museum

Intensive research on the Air and Space Museum's rare Boeing 247 airliner has resulted in a scholarly manuscript. This aircraft revolutionized commercial air travel in the early 1930s and pioneered modern airliner design. Using primary material, the author has thoroughly examined the story of this aircraft and its impact on the development of air transportation. The University of Washington Press will publish the book in 1990.

A paper in the series of S.I. Studies in Air and Space will chronicle the contribution of American women to aviation in the years 1940-1985 and will appear in the fall of 1989. Using primary source material donated to the National Air and Space Museum by the female aviators themselves, the author chronicled the achievements not of only female pilots but female leaders in the aerospace industry, military aviation, and commercial air transport.

In 1990, NASM will publish *Visions of a Flying Machine: The Wright Brothers and Invention*, which focuses on the process involved in creating the world's first airplane and subsequent Wright aircraft before World War I. Taking advantage of artifact-based research performed during the 1985 restoration of the 1903 Wright *Flyer*, the author uses that research to supplement more traditional archival resources with the goal of more fully understanding the Wrights' achievement. The Wright *Flyer* restoration project took place before the public in one of NASM's galleries, and included a companion exhibit about the *Flyer's* design and construction. This exhibit included an operating reproduction of the Wright's wind tunnel in which, to better understand how the Wrights derived their results, the curatorial staff recreated the pivotal experiments performed in 1901-02. Another element of the project was a thorough artifact analysis done on the *Flyer* by NASM staff, in cooperation with the Smithsonian Conservation Analytical Laboratory.

The Aeronautics Department is also planning a publication on the development of small gas turbine aircraft engines. This book will explore the history of this industry in the United States, utilizing the museum's archives,

photographs of engines in the collection, and extensive interviews with engine designers.

NASM plans to open a new gallery, *Embattled Skies: The Emergence of Air Power in WWI*, in 1991. It will examine the first large scale use of aviation in warfare, highlighting the grim realities of aerial combat in contrast to the romanticized myth of "knights of the air." The collection-based research will include WWI aircraft, armaments, early oxygen equipment, and other artifacts and memorabilia.

At the Museum's Center for Earth and Planetary Studies (CEPS), research on the origin of planetary surface features and terrestrial deserts utilizes the collection of more than four hundred thousand images and photographs of the Earth and planets. Planetary research has resulted in the publication of articles in professional journals detailing the structural evolution of the moon and Mars. A collection of Landsat and other remote sensing computer tapes from 1972 to the present provided information for terrestrial research on dune movement and surface modification resulting from climate. Researchers compared this data with recent satellite observations to determine year-to-year changes.

New exhibits and the preparation and review of books for the general public use the research collections and the expertise of Center personnel. As part of the Smithsonian Institution's Quincentenary program, the Center is preparing an atlas of satellite observations of Earth for publication in 1992. Scientists at the Center are advisors for the *Smithsonian Library of the Solar System*, a multi-volume series published by the Smithsonian Press.

The Center is a NASA-supported Regional Planetary Image Facility under the Planetary Geology and Geophysics Program of NASA's Solar System Exploration Division. The purpose for the Regional Image Facility System is to provide a source of, and facility for, the scientific use and dissemination of images and other data returned by planetary missions. The CEPS not only supports NASM's and SI's research needs but ensures that images and other planetary mission data are accessible to the larger community of investigators and public in the mid-Atlantic region of the U.S. Through an additional agreement with Johnson Space Center, CEPS is a repository for a complete collection of photographs Shuttle astronauts take using hand-held cameras. This collection is the only such archive easily accessible to the research community, and will continue to grow with photographs obtained on future Shuttle missions.

The Laboratory of Astrophysics opened in FY 1989 at the National Air and Space Museum. Laboratory's research centers on infrared observations of star formation regions, active galaxies, planetary atmospheres, and novae. The Laboratory is designing instruments for, and participating in, an observational research program aboard the forthcoming Infrared Satellite Observatory. NASM exhibits will reflect the increased understanding of physical and technical astrophysics this department will foster.

The Space History Department plans to publish *Our Weather from Above: America's Meteorological Satellites* in 1990. This book will provide a chronological overview of the past and present U.S. civilian weather satellite efforts. One section of the book will describe the artifacts in the NASM collection that relate to the history of weather satellites. These satellites and instruments are probably the only existing examples remaining on Earth of certain technologies.

The Space History Department has continued to organize video history sessions designed to document visually the museum's ultraviolet and X-ray detector collection and the

collections of early Bennett RF mass spectrometers.

Another area of collections-related research being expanded in the Department of Space History concerns technologies used for surveillance and arms control treaty verification. NASM hopes to formulate a rational collections program in these important areas of space activity, to place the museum in the strongest possible position once the technology becomes free of current secrecy and classification requirements. Discussions have begun with representatives of the various government agencies involved.

Planned for 1992, *A Catalog of the Art Collection of the National Air and Space Museum* will list the entire contents of the art collection with the artist, title, accession number, medium, support, and date of creation. It will include essays on five aspects of the collection (aviation art, science fiction and space science art, prominent works in the NASM art collection, the NASA art program, and ballooning prints) and some color photographs.

Another planned collections-management publication is *Caring for the Collections of the National Air and Space Museum*. This book will cover the history of NASM's Paul E. Garber Facility and highlight the restoration of six important aircraft of the national collection.

Archives of American Art

The Archives of American Art is the major national repository of primary sources for the study of art in the United States. Its vast collections of visual and written documentation serve as the basis for virtually all research at the Archives. The primary users of the Archives' holdings are the thousands of scholars, students, journalists, collectors, and others who come to the Archives each year or who study the Archives' collections on microfilm at six regional offices and through interlibrary loan.

Staff research concentrates in three areas: research to locate documents for acquisition, research to analyze and describe the holdings of the Archives and to make them more accessible to all potential users, and research that results in symposia, exhibitions, and publications.

Among recent projects Archives staff have undertaken is an exhibition in the New York Regional Center of selected documents from recent acquisitions including the papers of the painters Arthur Dove and Joseph Stella, the architect Marcel Breuer, the Milch Gallery, and the noted scholar, Katharine Kuh. Another exhibition of documents from the papers of Walter Pach, influential art historian and critic who played a central role in assembling the 1913 Armory Show, will open in the fall 1989. The Archives has prepared and microfilmed a guide to the entire Pach collection available for research use.

Recently published works Archives staff have prepared include a booklet on the papers of African-American artists in the collections and guides to resources in Chicago and Philadelphia for the study of art history. The staff based these guides on three-year surveys in each city. Upcoming publications include an illustrated book of the papers presented in the Archives' symposium at the Art Institute of Chicago on the coming of modernism to that city, a guide to French material in the Archives' collections, and a guide to resources for the study of art history in New York City.

Special and continuing research projects include the documentation of Asian-American artists and of the history of the development of Southern California into a world renowned art center. In addition, the Archives has undertaken

refining their catalogue and converting from a manual to an automated system and expects to be online in a national database network by 1991, providing easy access for researchers in libraries across the country.

Freer Gallery of Art

The results of curatorial research on the collections in the Freer Gallery of Art are most visible in exhibitions. However, the gallery also makes research available to the public through collection research records, free gallery leaflets, public lectures and in published papers, articles, and catalogs, including *Ars Orientalis*, an Asian art scholarly journal which the University of Michigan and the Freer Gallery produce jointly. Although the Freer closed to the public in the fall of 1988, research on the collections continues. After extensive renovation, enlarging the collection storage areas, the conservation laboratory, and the exhibition galleries, and constructing a tunnel to the Sackler Gallery, the Freer plans to reopen in 1992. Research during this interim period will result in entirely new exhibitions for the reopening.

Specific areas of current research in Japanese art include painting from the Heian to Edo periods and calligraphy.

In the field of Chinese art, research continues on Chinese calligraphy and paintings of the Sung, Yuan, Ming, and Ch'ing dynasties. Research on the Che School will result in an exhibition of paintings after the Freer reopens. An article and a lecture published results of research on Chinese lacquers. Research on Tuan-fang and John C. Ferguson will result in papers for a lecture series.

In 1973 the Freer published a catalog, *Chinese Figure Painting*. This is the only scholarly study in this field, and the catalog has been out of print for eleven years. Revision of this original text for publication has necessitated a comprehensive review of all literature on that subject during the past fifteen years. The Freer will republish the catalog before reopening the gallery.

In the field of Indian art, research during the last year focused on early seventeenth-century Mughal painting and the Rajput painting of Rajasthan.

Southeast Asian ceramics will be the focus of an intensive nine-month research trip to southeast Asia and south China resulting in new material that will provide guidance for further study of the Freer's collection of southeast Asian ceramics.

In the area of Near Eastern art, after several years of intensive research on Islamic paintings, particularly of the fifteenth-century, the research focus is on Islamic metalwork. Objects in the Freer collections provide an excellent opportunity for comparative analysis with objects borrowed for the Sackler exhibitions. In the area of ancient Near Eastern art, topics of research included the Near Eastern influence on early Greek art and ancient Iranian metalwork.

Although the Freer is best known for its holdings in the arts of Asia and the Near East, it also houses a collection of works by American artists of the late nineteenth and early twentieth centuries, including a major group of works by the expatriate artist James McNeill Whistler. A new book on Whistler will appear in 1990. Research on Dwight W. Tryon will result in a major exhibition and catalog of the artist when the Freer reopens; the Institution will have this catalog published in 1990 or 1991. The Freer is conducting extensive research on its founder Charles Lang Freer, the history of the planning and building of the Freer Gallery of Art, and the founder's philosophy about and intended use of

the collections, especially the American collections.

The Technical Laboratory of the Freer Gallery is renowned for its research activities, in addition to ongoing conservation and restoration of objects in the collection. Conservation research concentrated on extending identification methods of organic colorants in paintings and the lead isotope ratio analysis of Chinese bronzes in the Sackler collections. Additional projects included the study of unusual copper-green pigments on Ukiyo-e paintings, lead white on Japanese paintings, discoloration of lead-white pigments on Persian paintings, identification of pigment samples taken from excavated objects (dated to the fifth-eighth centuries A.D.) in Korean museums, microscopic identification of paper fibers from very small samples, and investigation of the metallurgy and properties of high-tin bronzes, including reconstructing the alloy and production methods used in making high-tin bronze mirrors from Aranmula, India. In addition an analysis of Chinese Buddhist bronze sculpture (dated from the third to the sixteenth centuries A.D.) has begun, which studies the provenance and methods of manufacture of these bronzes and how they relate to the history of Chinese bronze metallurgy. Staff has also begun examination and conservation of objects for the Freer's reopening.

Arthur M. Sackler Gallery

Research is the fundamental focus of the Arthur M. Sackler Gallery, providing the basis for exhibitions, publications, and collections acquisitions. The gallery also provides additional research for public use through collection research records and educational activities. Lectures by members of the Freer and Sackler galleries staff include topics of current research; additional lectures by nonstaff include topics related to Asian art and culture. Publications include not only exhibition catalogs, but free gallery guides, papers, and articles, and children and teachers' guides. The research program involves both visiting scholars as well as the curatorial staff.

Current research is progressing in the following areas. In the area of Near Eastern art, the staff is conducting research on twentieth-century collectors of Islamic art. Current research in the area of Indian art includes the study of Mughal gardens and garden architecture of the sixteenth to seventeenth centuries. Research on Yokohama prints will result in an exhibition catalogue of significant new materials. The works of the twentieth century Chinese artist, Chang Dai-chien, is a major research project that will result in an unprecedented exhibition of these works at the Sackler Gallery. Research on Chinese gardens is ongoing.

An extensive exhibition program in the new building displayed the initial Sackler gift together with other major objects on loan from the private collection of Dr. Arthur M. Sackler. The inaugural exhibitions included *In Praise of Ancestors: Ritual Objects from China, Monsters, Myths, and Minerals, Pavilions and Immortal Mountains: Chinese Decorative Art and Painting, Nomads and Nobility: Art from the Ancient near East, Persian and Indian Paintings: Selections from a Recent Acquisition, Temple Sculptures of South and Southeast Asia,* and *Chinese Buddhist and Daoist Imagery.*

Subsequent to the inaugural exhibitions, of which several remain on display, the gallery opened new exhibitions. These included *Terracottas from South India, Chinese Scholar's Studio,* the museum's first traveling exhibition, *The Art of India, Recent Japanese Acquisitions, A Jeweler's Eye: Islamic Arts of the Book from the Vever Collection, Photographs of Afghanistan, Timur and the Princely Vision:*

Persian Art and Culture in the Fifteenth Century, and *Yani: The Brush of Innocence.*

Future exhibitions include those originated by the gallery to travel to other museums and institutions, as well as other museums' collections traveling to the Sackler Gallery. Upcoming exhibitions include *The Noble Path: Buddhist Art from South Asia and Tibet, India Along the Ganges: Photographs by Raghubir Singh, Ancient Chines Bronzes and Jades, Yokohama Prints, Paintings by Chang Dai-chien, Selections from the Vever Collection, Indonesian Court Arts* and *Mughal Gardens*. Under consideration for subsequent exhibitions are Sasanian metalwork, Chinese furniture, Near Eastern ceramics, Far Eastern ceramics, and Chinese sculpture, and Japanese painting and sculpture. When feasible, research catalogs will accompany these exhibitions.

The gallery's publications program includes a quarterly magazine, *Asian Art*, intended for the general public, although it will most likely contain the results of most recent research. This publication, produced in cooperation with Oxford University Press, has color plates and informative text relating to various research activities, the permanent collection, recent acquisitions, and special exhibitions. Specific research projects generate exhibitions, exhibition catalogues, and lectures at the Gallery. The Sackler provides free brochures and gallery guides in the exhibition galleries.

Following the long practice of the Freer Gallery, the Sackler conservation effort includes object research to understand the origin of objects and therefore better develop the proper treatment of them. Expansion of the conservation facilities in a renovated Freer building will accommodate the requirements of the Sackler programs. The staff of the Conservation Lab has concentrated on particular items for future exhibitions such as Buddhist and Tibetan sculpture and Indonesian court arts. Additionally, staff prepared research of dynastic Egyptian glass and eastern Mediterranean glass of the Hellenistic and Roman periods for glass and glaze research on the Freer collection and the Gellatly glass in the Sackler collections. Conservation in field archaeology included a site in Turkey at the Gordion Archaeological Mission sponsored by the University of Pennsylvania. Research for a book on the materials, structural aspects, techniques and deterioration mechanisms of East Asian paintings is another project of the Technical Laboratory staff.

Cooper-Hewitt Museum

The Cooper-Hewitt has more than one hundred sixty-seven thousand items in its permanent collections. The museum schedules ten to twelve special exhibitions annually, and these often stimulate research on the permanent collections. Exhibitions provide the museum's staff the opportunity to display collection objects and to publish information curatorial research developed. Future special exhibitions will reflect the results of research on the museum's extensive holdings of jewelry concentrating on the nineteenth century and including Renaissance Revival designs from Guiliano Castellani; the twentieth-century graphic designer/illustrator E. McKnight-Kauffer, particularly noted for his posters featuring the British Rail and American Airlines and for stage and costume designs; and innovative textiles of the last decade, with special attention to surface effects and color, new fibers, dye techniques, and the effects of lighting on textile surfaces. Longer-range planning involves an exhibition on the origin and development of the Cooper-Hewitt's collections. As illustrated in the museum's collections, the staff continues to research the theme of domestic refinement for a complex series of exhibitions and programs focusing on the theme of *Home: A Place in the World*, organized in cooperation with five other

New York City museums and the New School for Social Research.

Additionally, research proceeds in the Textiles Department on large holdings of works produced between 1900-1940. The staff continues to search historical literature for documentation to identify many of these previously uncredited works. Periodically, the Curator of Textiles offers a special course in textile structures analysis for an invited group of professional colleagues from across the country. Cooper-Hewitt collection materials provide the working materials for the course, as they do for many of the courses offered in the museum's accredited graduate study program in the history of decorative arts, jointly administered by Parsons School of Design. In the Drawings and Prints Department, research continues on a recent acquisition of a collection of 1,488 documents of textile and wallcovering designs, from the Wiener Werkstatte Archive. This vast collection is unique in the United States, and only the holdings of the Museum fur Angewandte Kunst in Vienna, with which Cooper-Hewitt is coordinating its studies, match the Cooper Hewitt's acquisition. Research is also underway on the furniture designs of the late Donald Deskey. The museum's Deskey Archive, acquired over several years as a generous gift from the designer himself, includes nearly 2,400 drawings and blueprints, as well as artifacts. The Cooper-Hewitt has important industrial design archives, including a new gift of materials by Gilbert Rohde. The archives are a constant resource for research on various projects. In the Decorative Arts Department, another acquisition-related area of investigations is the Henry and Ludmilla Shapiro Collection of Soviet porcelains. A major acquisition in FY 1989, this collection is unique in the United States and comprises over 250 examples of tablewares and figural porcelains made from the time of the Russian Revolution to the present, thus providing an exceptionally complete survey of propangadistic ceramics made and promoted in the Soviet Union. Research continues on the Metzenberg Cutlery Collection of European cutlery and tableware spanning the sixteenth through nineteenth centuries.

Conservation Analytical Laboratory

The Conservation Analytical Laboratory (CAL) conducts the preservation, technical study, and analysis of museum objects and related materials. Hence, most research at CAL is by its very nature collections-oriented and, to a large extent, collection-based.

Studies in conservation science, as well as in conservation-treatment technology, concentrate upon problems encountered by conservators in caring for objects in the Smithsonian's and other museums' collections. Often, therefore, these studies involve the use of actual collection items as research materials. For example, the program of research in the conservation of photographic materials--a rather new endeavor which should develop appreciably over this five-year period--began as a direct result of an Institutional survey of Smithsonian photographic collections and their preservation problems. The first project will focus on preservation problems of collodion-glass negatives and objects from the National Portrait Gallery's collections will be the basis of this study. A major new research program anticipated to develop over the next five years, focusing on problems related to the preservation of natural history specimens, will directly affect and derive from the collections of the National Museum of Natural History. Similarly, a recently completed study on a newly developed cleaning technique for marble statuary depended on the treatment of objects from various Smithsonian collections for the testing of its efficiency. Even when the research does not directly involve the use of actual objects from the collections, the results still will have a direct impact on the care

which they will receive in museums. For example, the study of the effects of various fumigants on museum objects will probably affect maintenance programs in Smithsonian museums, and studies on mechanical properties of lining adhesives and backing materials will generate considerable findings of immediate relevance to the painting conservators in various Smithsonian museums. As such knowledge is, of course, equally of interest to museum professionals outside the Institution, CAL distributes the results of the research to as wide an audience as appropriate, through publication in professional journals and presentations at professional conferences.

Technical and analytic studies often involve Smithsonian collection items. For example, the systematic studies of works by Albert P. Ryder and Thomas W. Dewing are joint programs with the staff of the National Museum of American Art and concentrate upon paintings by these artists from the collection of this museum. Similarly, technological and analytical studies of archaeological materials often utilize objects from Smithsonian collections such as the National Museum of Natural History or the Sackler Gallery as well as materials from collections outside the Smithsonian.

Hirshhorn Museum and Sculpture Garden

Since 1974, the Hirshhorn Museum and Sculpture Garden, through its Department of Painting and Sculpture, has conducted a program of intensive research on its collection of modern and contemporary art. The Collection Archive maintains the primary documentation on the collection, together with interpretive research; the Archives serves as the central information file on the permanent collection. Among the major research projects undertaken within the past ten years is an international biographical survey of living artists represented in the permanent collection. The curators in the Department of Painting and Sculpture have also devoted intensive research to the history of casting of modern sculpture, with particular emphasis on the problems of connoisseurship, foundry marks, and editions. With the bequest of Joseph H. Hirshhorn's personal collection in 1981, the curatorial staff has undertaken a massive effort to research and catalog the more than five thousand works bequeathed to the museum. Jointly, the curatorial staff, the director, and the deputy director conduct a systematic monthly artist-by-artist review of the museum's entire collection, and this monthly review supplements the ongoing catalog of the Hirshhorn bequest.

Exhibitions produced by collections-based research continue to play an increasingly important role in the museum's overall public program. Exhibitions based in the permanent collection included:

- *New Acquisitions 1986-1988*
- *Numbers/Letters/Images*
- *Thomas Eakins Photographs: A Selection from the Permanent Collection*
- *Ralston Crawford Photographs*

Similar projects currently in an exploratory stage include collections-based exhibitions on the American industrial landscape, on artists as social critics, and on the theme of cafe life.

National Museum of African Art

At the National Museum of African Art, curatorial research is the foundation for the museum's public and scholarly programs. New,

untried, and often seminal projects can be conceived and developed because the entire research staff is sharply focused on the visual traditions of one important region: Africa south of the Sahara. The museum has used closed, working symposia, often multidisciplinary in composition, to explore new exhibition topics and content for attendant publications. Currently planned are working conferences on *Lower Niger Bronzes* and *The Art of the Luba*. Visiting curatorial fellows also participate in museum research, exhibition, and publication programs.

Recent publications include a monograph *Foreheads of the Dead: An Anthropological View of Kalabari Ancestral Screens* written by Dr. Nigel Barley of the British Museum. Under the auspices of the two museums, Dr. Barley undertook fieldwork in Nigeria which resulted in a monograph and an exhibition. Professor Herbert Cole, Professor of Art History at the University of California, Santa Barbara and 1988 Rockefeller Residency Program Fellow at the Museum wrote *Icons: Ideals and Power in the Art of Africa*. This book, which accompanies the exhibition Dr. Cole curated, examines five prevalent themes in the history of African art.

Archival and oral history research devoted to the life and works of the Yoruba master carver Olowe of Ise is currently underway and has as it basis a major Olowe sculpture in the permanent collection. This research will result in the first monograph devoted to a traditional African artist. In addition, the first major publication devoted to the museum's permanent sculpture collection is now in the research stage.

Several important collection-related research projects are in progress and relate both to publications and exhibitions. One, an extraordinary collection of 85 ceramic vessels from Central Africa, which staff will study, identify, and place on exhibition. The other, a group of utilitarian objects, including containers, stools, headrests, and pipes primarily from east and central Africa, the museum has scheduled for research to determine its origins and uses and will be placed on exhibition.

The museum's Eliot Elisofon Photographic Archives, which includes over seventy-eight thousand black and white photographs and approximately two-hundred thousand color slides, is the center for ongoing research into the context of African visual traditions. During this five-year period, the staff will begin the multiyear project of cataloging the entire collection of photographic images and will also explore photo archival exchange possibilities with the following African museums: Bamako Museum (Mali); Institut Fondamentale d'Afrique Noir-IFAN (Senegal); Guinea-Bissau Museum; Kenneth Murray Archives (Nigeria); and Institute des Musees Nationaux du Zaire-IMNZ (Zaire).

In the area of ethnographic conservation, the Museum of African Art now has a research facility which will allow the museum conservators, resident conservation interns, and fellows to contribute to both fundamental and applied research on the material used in ethnographic objects. A postdoctoral fellow has begun a comprehensive historical, visual, chemical, and instrumental analysis of Benin objects in the collection. In addition, a postgraduate intern from the London Institute of Archeology has begun research to identify corrosion processes in West African ironwork so curators can determine the appropriate conservation treatment.

National Museum of American Art

Collections-related research projects at the National Museum of American Art include: continuing research to supplement the study of the artist Albert Pinkham Ryder, resulting in both a book-length evaluation of his compositional and technical accomplishments and a related

exhibition in 1990; preparation of a Joseph Cornell catalogue raisonne; research on a major acquisition of 1986, the Herbert Waide Hemphill, Jr. Collection of American Folk Art, focusing on the 378 objects and their context, as well as their creators, and resulting in a 1990-1991 exhibition and major catalog; a book on American artists who exhibited at the Paris salons in the latter part of the nineteenth century, a group which the Museum's collections heavily represent, and an in-depth study of the work from 1938-1946 of an important, but little known African-American painter, William H. Johnson, which will culminate in a 1991 exhibition. The Patricia and Phillip Frost Collection provides the basis for an in-depth study of American abstract art created during the 1930s and 1940s.

The museum will continue research on works from contemporary American landscape photographers acquired with funds provided by Consolidated Natural Gas. This research will result in a publication and exhibition in 1991. Research on the museum's collection of miniatures will serve as the foundation for a book-length manuscript on American miniature painting during the eighteenth and nineteenth centuries.

A variety of research projects of lesser scope include: research for individual listings of the museum's works by various artist groups (e.g. Hispanic Americans, African-Americans, women artists, western artists, and WPA artists) to facilitate response to a large number of outside research requests; continuing research on the full range of sculpture in the museum's collections, and on the growing collection of craft objects in the Renwick Gallery collection.

National Museum of American History

Collections-based research remains a major component of the scholarly program at the National Museum of American History (NMAH). The study of the material culture of the American past not only opens entirely new avenues to an understanding of American history but is an essential prerequisite for planning a wise acquisitions program. The current effort of the Division of Domestic Life to study changes in American household technology in the twentieth century is a case in point. Such research, conducted with the assistance of interns and volunteers, enables staff members to better understand existing collections, identify significant gaps, and plan future collecting.

Research efforts in the Division of Domestic Life have also concentrated on the collection of patent models of lighting devices, domestic appliances, metalware, and furniture. A long-term project, this study has resulted in a number of publications. It has also served as an important base for a major exhibition of American patent models, which the Museum plans for a tour of Japanese museums.

Staff members of the Division of Costume pioneered the study of clothing as a means of exploring changing attitudes toward gender and this study was the subject for a variety of publications. In 1989, the Smithsonian Institution Press issued the latest publication, *Men and Women: Dressing the Part*, edited by division supervisor Claudia Kidwell. Continuing work on eighteenth- and nineteenth-century costume will result in several additional papers and publications over the next year. In addition, the Museum plans to open a new exhibition, *Men and Women: A History of Costume, Gender, and Power*, in the fall of 1989.

Current research by the staff members of the Division of Graphic Arts will lead to the publication of a catalogue of the museum's collection of nineteenth-century American printing type, the largest in the world. Most nineteenth-century type was pinmarked by manufacturers with very small and sometimes cryptic stamps which have never been identified or catalogued in any systematic fashion. The purpose of the project is to record the marks with microphotographic techniques as a first step toward identification and cataloging. The result will be a major contribution to the body of knowledge about the history of the American printing industry. Other collections-based projects currently underway in the division include a checklist of prints based on the paintings of Albert Bierstadt and a catalogue of the collotypes in the collection.

The Division of Textiles continues to research a sample book of American-made fabrics transferred to the NMAH from the National Archives. Dating to 1834, the book, made up of fabric samples sold at Ft. Gibson, Oklahoma, was part of a report submitted by Henry Ellsworth, Commissioner of Indians, to Lewis Cass, Secretary of War. The study will result in the identification of manufacturers involved in the Indian trade, the type of fabrics being marketed, and additional information on aspects of trade in the West.

Several divisions in the Department of the History of Science and Technology have worked on the Smithsonian videohistory program. This unique project has enabled the staff to conduct video interviews of the inventors of items in the museum's most recent and important collections. The museum completed the first segment of a three-part series on the history of ultrasound this past spring. The staff filmed part one, an interview with Dr. Robert Ledley, inventor of the first whole-body CAT scanner. An experimental robot acquired from the National Bureau of Standards has led to a videohistory of robots. In addition, the staff interviewed Mikhail Timofeyevich Kalashnikov in Moscow. Kalashnikov designed the AK 47 assault rifle.

Other research projects utilizing artifacts in the Museum's collections include analysis of the use of silver in the manufacture of medical instruments and methods of producing dosage forms for homeopathic pharmaceuticals. Nearing completion is a major project listing 48,000 photographic images in the Railroad collection. Research work is continuing on the design and adaptation of closed automobiles, based on the Museum's 1928 Chevrolet sedan, and on the nineteenth-century electrical instruments invented by Charles Page.

The Division of Engineering and Industry continues to conduct research on the artifacts from the firm of William Bond and Son, of Boston. A manuscript for a book is in production chronicling the work of the Bonds and their relationship to the Harvard College Observatory.

Recent publications based on original research on the national collections include: *Bio-Bibliography of American Makers of Navigational Instruments and National Inventory of Navigational Instruments Made in the United States*, from the Division of Physical Sciences; *Landmarks in the History of Computing in the National Museum of American History*, from the Division of Computers, Information and Society; and, the Division of Agriculture's study of the fire ant campaign of the late 1950s, a project which grew out of the exhibit *Science, Power and Conflict*.

Forthcoming publications based on original research utilizing the collections will include: a history of the manufacture and use of microscopes in the United States; a discussion of the development, production, and use of the

Eisenhower jacket made popular by General Eisenhower during World War II; a monograph on the housing and conservation of military headgear; a history of the American dentist's office; and, funded by a Smithson Society grant, a booklet on American clocks.

In the National Numismatic Collection, staff continue to research the following areas for scholarly publication: U.S. coins and medals; U.S. and foreign paper money; U.S. coin trials and coin designs; ancient, medieval, and modern foreign coins; Chinese and Islamic coins; and foreign medals and decorations, as well as premonetary forms.

In the National Philatelic Collection, research is taking place on several recent acquisitions: a 1904-style screen wagon, a turn-of-the-century rural free delivery sled and wagon, a 1931 Ford Model AA mail truck, a 1966 three-wheeled "Westcoaster" mail van, and the first of 99,150 new "Long-Life" postal trucks. Further collecting activities will include the acquisition of postal vehicles such as an 1880s stagecoach, 1920s and 1950s mail trucks, and a 1910 three-wheel mail cycle. These vehicles and the research carried out on them serve as the basis for a comprehensive history of the movement of mail in America. A publication, tentatively entitled, *Mail on the Move*, is nearly complete.

National Museum of Natural History

The more than 119 million specimens of animals, plants, fossils, rocks and minerals, and artifacts of human culture housed by the Museum of Natural History/Museum of Man provide a focal point for the basic research of a resident staff of more than two hundred scientists from the Smithsonian and other affiliated government agencies. Numerous scientists all over the world also use these collections, either as visitors or borrowers. The Museum lends more than two hundred thousand specimens and objects annually to the international scientific community.

Because of growing concern about changes in the global environment, the museum is giving greater emphasis to programs and projects that will contribute to our understanding of such changes. The following are summaries of the ongoing collection-based research projects which relate directly to global change.

The rich crescent of tropical/subtropical vegetation that extends from the flanks of the Andes northward, then eastward into the Guianas, contains millions of plant and animal species. Investigators have screened very few of these bioresources for their economic potential. In 1989, the museum continued a major effort to inventory and study the plants of this region before accelerating human encroachment into Amazonia destroys them. Inventories will continue over the next decade in protected reserves and parks in Bolivia, Peru, Ecuador, and Venezuela. Museum staff expect the project to increase understanding of biological diversity and discover hundreds of new plant species, dozens of new animal species, and thousands of new insect species potentially valuable as food, biological control agents, and germplasm resources.

The museum also has underway two other major long-term collection-based projects aimed at increasing knowledge of (and ultimately conserving) the biological diversity of the Latin American tropics--one in Surinam and the other in Brazil's Amazonian Basin.

The museum is one of six sponsoring organizations that have undertaken a multinational effort to study the biodiversity of the little known plant life of Guyana, Surinam, and French Guiana. Because existing museum collections document past exploration, they

significantly aid this project which involves more than a dozen museum botanists.

Ongoing museum fieldwork is yielding important new information on the composition, function, evolution, and distribution of the plants and animals of Brazil's Amazonian Basin and Atlantic Forests. The museum coordinates this research with archeological studies of the roots of human culture in Amazonia.

The museum plans to organize a fourth biodiversity project in Brazilian Amazonia in the near future.

Scientists are in the process of describing as many as 35-40 extinct bird species from a collection of tens of thousands of fossil bird bones amassed in the Hawaiian Islands over the last 13 years. The collection has provided startling evidence that Polynesians who colonized the archipelago 1,500 years ago annihilated as much as 50 percent of the archipelago's original bird species. Heretofore, most naturalists had assumed that Hawaiian ecosystems remained relatively untouched until the arrival of James Cook in 1778. This continuing project is changing the assumptions of biogeographic studies, making it clear for the first time that modern, uninhabited island biotas are merely remnants of what was present under prehuman conditions.

The museum is conducting a major research program to determine whether the present disturbances in terrestrial environments are extraordinary compared with events that occurred before the appearance of humans. Documenting how stable land ecosystems have been over geological time will help scientists assess and predict the long-term effects of global, environmental disturbances now taking place (such as, tropical deforestation and the greenhouse effect). The museum enjoys a unique advantage in pursuing this research because of its vast collections of fossil terrestrial animals and plants, the diverse talents of scientists working here, and its importance as a center of research on biological diversity.

Concern over the high prevalence of cancer in fish living in chemically contaminated bodies of water and the potential human health hazard this poses is focusing attention on the museum's Registry of Tumors in Lower Animals. The registry, a depository for a collection of more than five thousand diseased specimens of fish, shellfish, and other animals from the United States and forty other countries, is the only clearinghouse in the world for information on cancer in fish and other vertebrate and invertebrate cold-blooded animals.

The rise in sea level and the Aswan Dam's blocking normal sediment flow on the Nile River are engulfing the northeastern edge of the Nile Delta. The problem could flood a large part of the northern delta by the year 2100, inundating agricultural lands where several million people now live. An ongoing multidisciplinary study of the delta, directed by the museum in cooperation with the Egyptian government, serves as the basis for these findings. Specialists from scientific and research organizations in Egypt, Western Europe, and North America have shipped hundreds of sediment cores, cut into three to five-foot lengths, to the museum for analysis.

The following are descriptions of other important collection-based research projects ongoing in the Museum.

The museum recently computerized information on the pathological conditions of human skeletal remains. The National Institutes of Health funded this activity. The results are providing new perspectives on the history and the biomedical impact of disease. For example, a study focusing on skeletal material of the Plains

Indians is shedding light on the causes of erosive joint diseases, such as rheumatoid arthritis, which is three times as common in Indian groups as in the general population.

Museum scientists are studying unknown sea life discovered by divers in previously unexplored underwater caves in the Bahamas, Bermuda, and the Turks and Caicos Islands. The diversity of these valuable collections includes, for the crustaceans alone, a new class, a new order, two new families, three new genera, and twenty new species. For scientists, these animals and their environment provide a window on the past. Isolated for millions of years from the pressures of natural selection, in a stable environment similar to the deepest parts of the world's oceans, they reproduce more slowly than other shallow marine animals and have lower metabolic rates. Research by museum scientists and colleagues at several universities has made classification of these animals possible and led to new hypotheses on the distribution of animals via the action of plate tectonics and the use of cryptic habitats on the sea floor.

Museum entomologists are converting a vast compilation of taxonomic and biological data on wasps, bees, ants, and related insects in America north of Mexico into a modern online electronic data base, a major advance in the field of systematic cataloging. The conversion will make it possible to revise and expand the data base as entomologists publish new works on these groups of insects. The Museum expects to complete the conversion by the fall of 1989. Easily queried by the outside scientific community, the data base contains a wealth of biological information valuable to a wide variety of scientists (for example, parasite-host records for those interested in biological control, and bee-plant associations of value to pollination ecologists and botanists).

The museum's unparalleled collection of arctic ethnological, archeological, and physical anthropological specimens makes it a center for arctic anthropological research. Current projects include a major study on the prehistory of the Indian and Eskimo cultures of Labrador; research on the first European settlement in the Canadian Arctic, that of Martin Frobisher in 1574-78 on Baffin Island; studies of the prehistory and origins of the Alaskan peoples of St. Lawrence and Kodiak Islands; research on the origins of prehistoric Eskimo art and its ethnographic and modern expressions; and studies of the relationships of Siberian and Alaskan native peoples.

The museum's mineral research collection is one of the largest and most important in the world. Museum scientists are now using state-of-the-art analytical electron microscopy, powder x-ray diffraction data, and computer graphics to learn more about minerals--the fundamental building blocks of the earth. One ongoing study is shedding light on the structure and formation of economically important oceanic manganese oxide, occurring as nodules and often combined with cobalt, nickel, copper, and other strategic metals--metals of which the United States has a limited supply and which it may eventually want to mine.

National Portrait Gallery

Among the current research projects at the National Portrait Gallery (NPG) are: studies of journalists' and artists' depictions of World War II; American portraits exhibited at the 1893 World's Columbian Exposition; a history of caricature in America; an examination of the various Andrew Jackson portraits which trace his evolving national image; a history of Time, Inc.'s patronage of portrait artists; and a biography and analysis of the portraits of Cecil Beaux. NPG has scheduled all of these projects to become

major exhibitions within the next four years; a major publication will accompany each exhibition. The research projects listed above substantially involve objects from the NPG collections and, in most cases, also explore portraits from other public and private collections.

For the Columbus Quincentenary, NPG is collaborating with the Prado in Madrid, Spain, and the Kimbell Art Museum in Fort Worth, Texas, to present a major exhibition of portraits of Spanish notables from the time of Ferdinand and Isabella to the era of Velasquez, and, with the National Museum of American Art, it is jointly presenting the exhibition of American art from the 1893 World's Columbian Exposition. In another collaborative effort, an NPG scholar is undertaking research for the National Gallery of Art (NGA) and writing the entries for the NGA Systematic Catalogue of eighteenth and early nineteenth century American portraits which will reproduce, describe, and discuss each work in the NGA's collections.

NPG also plans publications on: the American sitters of the Swedish painter Anders Zorn; the career of the painter James Earl; the life and work of Charles Fevret de Saint-Memin; patronage of the fine arts in the United States from 1860 to 1920; American museums and art galleries during the early twentieth century; a biography of Sara Hallowell, a leading curator of art exhibitions in the late nineteenth and early twentieth centuries; and the papers of Charles Willson Peale and his family. Yale University Press has already published Volumes 1 and 2 of the *Selected Papers of Charles Willson Peale and His Family*; and volume 3, *Charles Willson Peale: The Artist in Retirement, 1810-1820*, will appear in 1991. Research for volumes 4 and 5 is underway. A volume of interpretive essays on Peale's work will mark the 250th anniversary of the artist's birth. Under grants from the Institution's Scholarly Research Fund and the Baltimore Gas and Electric Company, research has begun on a catalogue raisonne of the works of Rembrandt Peale (1778-1860). The Smithsonian Institution Press is editing the book on St. Memin with a grant from the Barra Foundation.

National Zoological Park

The Department of Mammalogy has initiated a research program to address questions concerning exhibit space and the exhibit animal. For example an 18 month long study was undertaken to determine the causes of stereotypic behaviors in confined bears. The staff found that modifying the feeding regimen could considerably reduce stereotypic pacing during some seasons. In addition, the Zoo made a small modification to the exhibit that houses the American black bear (known to the world as Smokey the Bear) giving visitors the opportunity to see the bear nearly 100 percent of the time in winter; that was up from only 6 percent before the change. A survey of 27 (about one-third) of the outdoor mammal exhibits is in progress to determine what changes would improve visitor viewing opportunities and to seek solutions to improving the social and physical environments in these exhibits.

Research on the husbandry and management of selected species to obtain successful reproduction continues to be a high priority. Since 1988, a number of steps have been taken to stimulate the flamingos to breed. These have included installing artificial sprinklers to stimulate rainfall, providing mud of different consistencies for nest construction, and increasing the size of the captive flock to increase social interaction. The flock produced a single infertile egg in 1988 and two fertile eggs in 1989. Because increased social interaction appears to be necessary for sustained reproduction, the Zoo plans to increase its

captive flock to at least 40 individuals through breeding and acquisition.

Large numbers of wild birds--pigeons, sparrows, and starlings -- are frequently attracted to zoo exhibits because food, water, and cover are readily available. Not only do these interlopers detract from the visitor's experience, but they also represent a significant husbandry problem since they compete with the captive animals for food and can potentially infect them with disease and parasites. At NZP, these problems have traditionally been greatest in the waterfowl exhibits where the rations were readily available throughout the day. To eliminate this problem, zoo staff developed a new pelleted diet fed underwater. The food, readily available to the exhibit animals, is now inaccessible to the unwanted birds. This innovation is now used successfully in the zoo's new Wetlands Exhibit.

No zoo has successfully exhibited the shy North American star-nosed moles. NZP has maintained animals under both exhibit and off-exhibit conditions for periods exceeding 16 months. This accomplishment in itself is remarkable, but the research conducted on this species for prey catching is even more remarkable and exciting. Long-term studies have shown that the star on the mole's snout actually acts as an electrical receptor, which detects impulses, emitted by certain prey species. Further study will expand on this data. Confirmation of this hypothesis will be scientifically stunning and will also generalize to the duck-billed platypus which also detects its prey electrically and which the NZP is also considering as an exhibit species for its collection.

Definition of Program Categories

The Institution uses its federal appropriations and trust funds for five broad categories of activities. The Office of Financial Analysis and Planning, working with bureaus and offices, used these program categories to define each expenditure included in the base budgets through FY 1988. Below are brief narratives describing each of the five broad categories, followed by a listing of detailed program categories within each.

Research and Curation

The Smithsonian, by virtue of its staff, collections, data bases, and research facilities, is a unique international resource in the basic sciences, arts, and the humanities. The Smithsonian's long-term research efforts complement industrial, federal, and university research and provide critical continuity to the nation's research enterprise in a number of fields. In addition to serving the broad research community, Smithsonian research is the basis for many of the Institution's public activities. The accuracy and currency of its exhibitions, the care of its collections, and the quality of its public education programs depend directly on the research and curatorial activities of the staff.

Various Smithsonian bureaus and museums engage in research and curation efforts. Research is the principal activity of the Astrophysical Observatory, Tropical Research Institute, the Environmental Research Center, and the Conservation Analytical Laboratory. Research is a highly important component in the Museum of Natural History, Air and Space Museum, the Zoological Park, and the Museum of American History, where exhibitions, education, and care of collections are additional responsibilities. The same is true in the Freer Gallery of Art, the Arthur M. Sackler Gallery, the National Museum of American Art, and the other Smithsonian art museums, where curators exercise their intellectual talents and professional judgement in taking care of collections, preparing exhibitions, and developing education and public programs.

Detailed categories of expenditures for research and curation are:

Research/Curation & Direct Support - pertains to research and curatorial activities, including, but not limited to, research centers, museum departmental activity, and animal management at the National Zoological Park.

- Researchers/Curators ("Faculty") - pertains to research/curatorial staff only and their compensation.

- Direct Support - pertains to departmental museum technicians, research assistants, secretaries, clerk-typist and their salaries, plus <u>all</u> departmental other object class expenditures.

Specialized Research/Curation Support Activities - includes operations such as:

- Archives Offices, including SI Archives, Archives of American Art and bureau archival activity.

- Registrarial Operations, including the Office of the Registrar and bureau registrarial activity.

- Conservation Labs, including Conservation Analytical Laboratory and bureau conservation activity.

- Special Inventory Efforts also includes base inventory efforts where they are identified by the bureau.
- Collection Centers, including Smithsonian Oceanographic Sorting Center and Museum Support Center equipment.

- Collections Acquisitions

- Libraries, including SI Libraries and bureau library activity.

- Miscellaneous Research Support Activities, including SERC instrumentation, the Museum of Natural History's Scanning Electron Microscope lab and Molecular Systematics lab, Link Port Marine Station, and research support at the Museum of American Art and the Astrophysical Observatory.

Technical Support-Multipurpose - includes:

- Photographic Offices, including Office of Printing and Photographic Services (OPPS) and bureau photographic departments.

- ADP Offices, including Office of Information Resource Management (OIRM) and bureau ADP departments.

Exhibitions

Exhibitions are the principal means for the Institution to communicate to public audiences recent discoveries, important ideas, and new scholarship in science, history, and art. In addition to the approximately 25 million visitors annually who enjoy the Institution's museums, galleries, and Zoological park, many millions more view Smithsonian traveling exhibitions, which appear throughout the United States and abroad, and the Institution's annual folklife festival. Besides the curation and research benefits that the Institution and the national and international scholarly communities derive from the collections of the Smithsonian, the Institution's collections form the basis of its rich and varied exhibition programs.

All of the Institution's museums and a number of other offices conduct exhibition programs. These programs range from small ones, such as those conducted intermittently by the Office of Horticulture, to large temporary exhibitions or permanent reinstallations in the museums. Major support comes from federal appropriations, but the central special exhibition funds provided annually by the Board of Regents and gifts and donations from private individuals and firms significantly supplement museum and gallery activities.

Since all expenditures for exhibitions are included in just one program category, there are no detailed category descriptions.

Education

The Smithsonian conducts a wide range of educational programs directed to general visiting audiences and specialized constituencies. These programs include:

- the activities and classes of the Resident and National Associate Programs;

- television, radio, and other media efforts;

- training, symposia, conferences, and information services;

- services provided to the visiting public by the Visitors Information and Associate Reception Center;

- the centrally approved Regents' public service and outreach programs; and

- The *Smithsonian* Magazine and the Smithsonian Press' popular brochures, recordings, and publications.

All of the major museums sponsor many and varied educational and public information activities appropriate to their operational environments. These form an important part of the overall learning opportunities available to Institutional audiences.

Since all expenditures for education and related activities are included in just one program category, there are no detailed category descriptions.

Facilities

The Smithsonian's responsibility for its museum buildings and other facilities requires a continuing program of repair and maintenance (some of which staff accomplishes with funds provided in operating budgets), and renovations and restorations. The objective of the Repair and Restoration program is to provide appropriate, safe, and accessible facilities for research, education, and care of collections. Federal appropriations are the primary source of funds for this work, but, starting with the funding of the original Smithsonian Institution Building, other sources of nonappropriated funds have at various times become available for particular projects. Maintenance and preservation of facilities to ensure their long-term operation is one of the Institution's highest priorities and reflects the Institution's great concern for the condition of its buildings, many of which date back to the turn of the century or earlier. This effort, as well as ensuring compliance with safety codes, requires many millions of dollars each year.

The Institution has made considerable progress in determining the extent of need for additional facility support and has completed or has undertaken a number of critical facilities-related projects; however, the Smithsonian must continue to apply itself to diminishing the identified backlog of repair and restoration work on facilities and to replacing major building systems.

Facilities expenditures fall into two detailed categories:

Security - includes the Office of Protection Services and bureau security offices at the Tropical Research Institute, the Environmental Research Center and the National Zoological park.

Buildings Maintenance & Plant Services - includes the Office of Plant Services, the Office of Design and Construction, MSC operations and buildings and grounds management in the bureaus.

Administration

The Institution's administrative, financial, and other support services comprise four functional areas:

- Central management;
- Central, specialized technical and support services;
- The bureaus' and offices' administration and management; and
- Facilities services and maintenance.

The central management offices under the direction of the Secretary and under oversight of the Board of Regents, provide operational planning and policy determination for program and support activities and parameters for utilizing

the resources of the Institution. The Offices of the Secretary, Under Secretary, Assistant Secretaries, Treasurer, General Counsel, and Congressional Relations discharge central management functions.

Central, specialized administrative and technical offices furnish administrative, personnel, budget, financial, and other professional and technical services required to support operation of the Smithsonian's programs. The offices conducting these functions include the Offices of Accounting and Financial Services, Planning and Budget, Procurement and Property Management, Financial Management and Planning, Audits and Investigations, Equal Opportunity, Risk Management, Information Resource Management, Management Analysis, Personnel Administration, Printing and Photographic Services, Sponsored Projects and Travel Services.

Also, the management of the Institution's bureaus and offices makes a significant contribution to the Institution's administration because of its responsibility for implementing the Institution's operational plans and establishing bureau level policy. Bureau directors also contribute significantly to the management of the Institution by participating with the staff of central management offices, in advocating and seeking funds for existing and new programs.

The Offices of Design and Construction, Plant Services, Protection Services, Environmental Management and Safety, Architectural History and Historic Preservation, and Horticulture discharge the facilities services and maintenance functions. These services primarily focus upon the physical plant and its contents; safety and health programs for staff, visitors, and collections; planning, design, and construction of new and renovated facilities; and architectural and historical research support for the Institution's buildings, along with collections management for the Castle Building and its antique furnishings.

Expenditures for administration fall into two detailed categories:

Safety - includes the Office of Environmental Management and Safety and safety components of the National Zoological Park and OPlantS.

Administrative & Miscellaneous Expenses - includes the central administrative units (except OIRM and OPPS) and expenses at the level of the director/assistant directors' offices for all units with 50 or more employees. The director's office for the Anacostia Neighborhood Museum is also included due to the Museum's multipurpose organizational breakdown of activities. Department Chairmans' offices will be included with other department expenses under "Research/Curation and Direct Support."

Projected Operating Expenses by Bureau, by Program Category

This section displays the projected resources for each bureau, by program category. In each case the federal projections are consistent with the FY 1991 budget request submitted to the Office of Management and Budget. The projected resources reflect growth in programs as planned by each bureau. The sum of the individual bureau projections may not equal Institution-wide projected resource requirements in fiscal years 1992 -1995.

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Asst. Secretary for Research

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	3	941	3	896	3	904	3	918	3	932	3	941
SPECIALIZED RESEARCH/CURATION	0	0	1	90	1	130	1	150	1	150	1	170
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	23	1133	23	1133	23	1133	23	1133	23	1133	23	1133
TOTAL	26	2074	27	2119	27	2167	27	2201	27	2215	27	2244

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Joseph Henry Papers

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	5	230	7	295	7	295	7	304	7	321	7	313
SPECIALIZED RESEARCH/CURATION	0	0	0	18	1	73	1	85	1	128	1	105
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	1	35	2	59	2	76	2	78
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	230	7	313	9	403	10	448	10	525	10	496

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

American Studies

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	2	134	2	134	2	135	2	135	2	135	2	135
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	134	2	134	2	135	2	135	2	135	2	135

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Fellowships + Grants

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	13	495	14	543	14	550	14	556	14	556	14	535
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	30	0	30	0	30	0	30	0	30	0	30
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL	13	527	14	575	14	582	14	588	14	588	14	567

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Fellowship Awards

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	.	2033	.	2033	.	2820	.	3170	.	3520	.	3870
TOTAL	.	2033	.	2033	.	2820	.	3170	.	3520	.	3870

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Astrophysical Observatory

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	235	39954	260	41845	273	38324	274	35191	274	34288	263	34712
SPECIALIZED RESEARCH/CURATION	25	1932	25	1932	25	1932	25	1932	25	1932	25	1932
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	2	273	2	487	2	290	2	300	2	305	2	315
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	15	797	15	797	15	797	15	797	15	797	15	797
SAFETY	0	26	0	26	0	26	0	26	0	26	0	26
ADMINISTRA. & MISC. EXPENSES	36	3305	36	4788	36	4848	36	4868	36	4876	36	4897
TOTAL	313	46287	338	49875	351	46217	352	43114	352	42224	341	42679

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Tropical Research Institute

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	57	4555	64	5419	97	6842	97	5842	97	5842	97	5852
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	2	124	4	184	4	448	2	-92	3	178	3	178
SECURITY	15	316	15	316	15	316	15	316	15	316	15	316
BUILDING MAINT. & PLANT SERV	34	1074	34	1074	34	1074	34	1074	34	1074	34	1074
SAFETY	0	25	3	155	5	290	6	307	7	324	8	341
ADMINISTRA. & MISC. EXPENSES	35	1417	39	1569	53	1977	53	1979	53	1982	53	1985
TOTAL	143	7511	159	8717	208	10947	207	9426	209	9716	210	9746

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Environmental Research Center

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	8	1132	12	1408	17	1369	17	1371	19	1471	19	1471
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	8	248	8	248	8	248	8	248	8	248	8	248
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	2	56	2	56	2	70	2	70	2	70	2	70
SECURITY	2	50	2	50	2	50	2	50	2	50	2	50
BUILDING MAINT. & PLANT SERV	8	357	10	424	11	454	11	456	11	457	11	457
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	5	299	5	299	5	300	5	300	5	300	5	300
TOTAL	33	2142	39	2485	45	2491	45	2495	47	2596	47	2596

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Zoological Park

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	143	7937	152	8985	168	9968	173	10137	182	10672	183	10846
SPECIALIZED RESEARCH/CURATION	0	7	0	9	0	2	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	8	285	8	285	8	295	8	285	8	285	8	285
EDUCATION & RELATED ACTIVITIES	12	628	14	780	14	877	14	883	14	633	14	633
SECURITY	22	786	22	786	22	786	22	786	22	786	22	786
BUILDING MAINT. & PLANT SERV	149	6184	152	6315	154	7996	154	9696	156	6648	156	6398
SAFETY	2	105	2	105	2	105	2	105	2	105	2	105
ADMINISTRA. & MISC. EXPENSES	15	856	15	878	15	951	15	938	15	963	15	1013
TOTAL	351	16788	365	18143	383	20980	388	22830	399	20092	400	20066

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Institution Archives

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	21	836	27	1076	31	1216	32	1247	33	1276	34	1305
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	21	836	27	1076	31	1216	32	1247	33	1276	34	1305

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Institution Libraries

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	100	5089	109	5660	112	5870	112	5975	112	6080	112	6185
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	13	681	13	677	13	677	13	677	13	677	13	677
TOTAL	113	5770	122	6337	125	6547	125	6652	125	6757	125	6862

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Major Scientific Instrumentation

	FY 1990 FT EMPL	1990 $ 000	FY 1991 FT EMPL	1991 $ 000	FY 1992 FT EMPL	1992 $ 000	FY 1993 FT EMPL	1993 $ 000	FY 1994 FT EMPL	1994 $ 000	FY 1995 FT EMPL	1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	2176	0	5794	0	9093	0	5991	0	4891	0	3626
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2176	0	5794	0	9093	0	5991	0	4891	0	3626

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Int'l Environmental Science Program

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	13	781	19	1261	25	1911	26	2109	26	2248	26	2336
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	781	19	1261	25	1911	26	2109	26	2248	26	2336

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Asst. Secretary for Museums

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	11	972	14	1093	15	1193	15	1193	15	1193	15	1193
TOTAL	11	972	14	1093	15	1193	15	1193	15	1193	15	1193

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Museum Programs

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	12	457	14	579	14	594	14	594	14	594	14	594
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12	457	14	579	14	594	14	594	14	594	14	594

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of the Registrar

	FY 1990 FT EMPL	1990 $ 000	FY 1991 FT EMPL	1991 $ 000	FY 1992 FT EMPL	1992 $ 000	FY 1993 FT EMPL	1993 $ 000	FY 1994 FT EMPL	1994 $ 000	FY 1995 FT EMPL	1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	3	151	3	197	3	313	3	313	3	313	3	313
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	151	3	197	3	313	3	313	3	313	3	313

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Museum of Natural History

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	374	19017	395	19686	421	21544	435	22236	440	22666	445	22890
SPECIALIZED RESEARCH/CURATION	81	3665	83	3875	85	4123	89	4863	89	4339	89	4381
TECHNICAL SUPPORT MULTIPURPOSE	17	1096	18	1596	22	2144	22	2115	22	2114	22	2114
EXHIBITIONS	46	3915	48	5243	47	6516	47	8556	46	9132	46	5848
EDUCATION & RELATED ACTIVITIES	17	648	21	784	25	1037	27	1049	29	1132	30	1192
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	60	1548	63	1724	65	1890	68	1962	68	1962	68	1962
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	22	2924	26	3309	28	3480	28	3435	28	3532	28	3682
TOTAL	617	32813	654	36217	693	40734	716	44216	722	44877	728	42069

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Air and Space Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	52	2952	55	2883	56	2840	56	2760	57	2787	58	2811
SPECIALIZED RESEARCH/CURATION	31	1873	31	1867	34	1920	37	1979	38	2012	38	2014
TECHNICAL SUPPORT MULTIPURPOSE	2	440	2	440	2	695	2	725	2	760	2	665
EXHIBITIONS	58	5331	59	5801	58	5377	58	5130	58	5177	58	5261
EDUCATION & RELATED ACTIVITIES	19	1102	19	1105	20	1318	20	1322	20	1327	20	1332
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	73	2175	73	2175	73	2175	73	2175	73	2175	73	2175
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	38	2555	38	2571	38	2602	38	2671	37	2593	37	2664
TOTAL	273	16428	277	16842	281	16927	284	16762	285	16831	286	16922

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Museum of American History

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	131	7551	135	7197	134	7168	134	6713	134	6422	133	6619
SPECIALIZED RESEARCH/CURATION	62	3384	85	4222	87	4982	86	4172	84	3920	77	3750
TECHNICAL SUPPORT MULTIPURPOSE	6	375	6	375	6	375	6	375	6	375	6	375
EXHIBITIONS	52	2904	52	2966	55	3018	55	3570	55	3477	55	3477
EDUCATION & RELATED ACTIVITIES	26	1336	25	1313	28	1432	28	1432	28	1431	28	1428
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	54	1385	54	1373	54	1369	54	1371	54	1368	54	1368
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	24	2034	24	2070	24	2088	24	2153	24	2113	24	2132
TOTAL	355	18969	381	19516	388	20432	387	19786	385	19106	377	19149

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Museum of the American Indian

	FY 1990 FT EMPL	1990 $ 000	FY 1991 FT EMPL	1991 $ 000	FY 1992 FT EMPL	1992 $ 000	FY 1993 FT EMPL	1993 $ 000	FY 1994 FT EMPL	1994 $ 000	FY 1995 FT EMPL	1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	69	6000	107	9170	107	9170	107	9170	107	9170	107	9170
TOTAL	69	6000	107	9170	107	9170	107	9170	107	9170	107	9170

NOTE: Projections for fiscal years 1992 through 1995 do not include approximately $8 million additional federal funds for program operations. Fiscal year 1991 includes $2.5 million for programs, $6 million for transition costs, and $0.7 million for fund raising support.

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Museum of American Art

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	34	1600	40	1787	42	1883	42	1878	42	1858	42	1858
SPECIALIZED RESEARCH/CURATION	34	2879	34	2906	34	2772	34	2388	34	2302	34	2272
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	14	947	15	744	15	632	14	606	14	606	14	606
EDUCATION & RELATED ACTIVITIES	11	511	11	509	11	509	11	509	11	509	11	509
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	17	550	17	552	19	631	19	640	20	653	20	662
SAFETY	0	0	1	0	1	19	1	19	1	19	1	19
ADMINISTRA. & MISC. EXPENSES	11	752	12	882	12	915	12	917	12	919	12	926
TOTAL	121	7239	130	7380	134	7361	133	6957	134	6866	134	6852

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Portrait Gallery

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	26	1444	27	1526	28	1462	28	1464	28	1461	28	1465
SPECIALIZED RESEARCH/CURATION	13	641	14	702	15	754	14	692	14	691	14	692
TECHNICAL SUPPORT MULTIPURPOSE	3	145	3	145	3	185	3	185	3	185	3	195
EXHIBITIONS	14	1324	14	1614	14	1514	14	1554	14	974	14	924
EDUCATION & RELATED ACTIVITIES	9	350	9	350	9	350	9	350	9	350	9	350
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	16	540	16	540	17	618	18	628	18	637	19	647
SAFETY	0	0	0	0	0	19	0	19	0	19	0	19
ADMINISTRA. & MISC. EXPENSES	7	533	7	530	7	567	7	577	7	579	7	587
TOTAL	88	4977	90	5407	93	5469	93	5469	93	4896	94	4879

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Hirshhorn Museum + Sculpture Garden

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	11	1678	11	1646	11	1417	11	1389	11	1362	11	1362
SPECIALIZED RESEARCH/CURATION	19	1524	19	1674	20	3382	20	3682	20	3582	20	3682
TECHNICAL SUPPORT MULTIPURPOSE	3	108	3	108	3	108	3	108	3	108	3	108
EXHIBITIONS	7	303	7	353	7	578	7	503	7	303	7	303
EDUCATION & RELATED ACTIVITIES	6	339	6	339	7	444	7	444	7	444	7	444
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	22	641	22	641	22	641	22	641	22	641	22	641
SAFETY	1	36	1	36	1	36	1	36	1	36	1	36
ADMINISTRA. & MISC. EXPENSES	9	1030	9	627	9	693	9	694	9	650	9	651
TOTAL	78	5659	78	5424	80	7299	80	7497	80	7126	80	7227

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Arthur M. Sackler Gallery / Freer Gallery of Art

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	11	432	13	528	13	628	13	528	13	528	13	528
SPECIALIZED RESEARCH/CURATION	19	1072	21	1400	21	1565	21	1492	23	1667	23	1742
TECHNICAL SUPPORT MULTIPURPOSE	2	125	2	125	2	125	2	125	2	125	2	125
EXHIBITIONS	15	1161	18	1661	18	2363	18	1613	18	1613	18	1613
EDUCATION & RELATED ACTIVITIES	10	698	10	598	11	822	11	790	11	790	11	790
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	4	130	4	130	4	130	4	130	4	130	4	130
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	31	4076	31	4003	31	4338	31	4035	31	3960	31	3985
TOTAL	92	7694	99	8445	100	9971	100	8713	102	8813	102	8913

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Archives of American Art

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	12	0	12	0	12	0	12	0	12	0	12	0
SPECIALIZED RESEARCH/CURATION	20	2990	24	2989	26	2972	27	3015	27	3089	29	3183
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	7	0	2	0	2	0	2	0	2	0	2
TOTAL	32	2997	36	2991	38	2974	39	3017	39	3091	41	3185

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Cooper-Hewitt Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	7	389	10	484	10	484	10	484	10	484	10	484
SPECIALIZED RESEARCH/CURATION	12	353	12	353	12	453	12	453	12	353	12	353
TECHNICAL SUPPORT MULTIPURPOSE	0	7	0	7	0	7	0	7	0	7	0	7
EXHIBITIONS	7	1099	7	417	7	449	7	449	7	449	7	449
EDUCATION & RELATED ACTIVITIES	11	1053	14	1384	14	1797	14	1838	14	1807	14	1807
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	11	589	17	908	17	908	17	908	17	908	17	908
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	10	769	10	776	12	1130	12	1280	12	830	12	830
TOTAL	58	4259	70	4329	72	5228	72	5419	72	4838	72	4838

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Museum of African Art

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	10	496	10	516	10	521	10	526	10	531	10	536
SPECIALIZED RESEARCH/CURATION	11	631	11	631	13	890	13	890	13	880	13	848
TECHNICAL SUPPORT MULTIPURPOSE	2	153	2	153	2	153	2	153	2	153	2	153
EXHIBITIONS	17	1603	17	1603	17	1603	17	1603	17	1603	17	1603
EDUCATION & RELATED ACTIVITIES	10	421	10	408	11	515	11	515	11	515	11	515
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	12	714	12	704	9	514	9	524	9	524	9	524
TOTAL	62	4018	62	4015	62	4196	62	4211	62	4206	62	4179

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Anacostia Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	6	215	6	215	6	619	9	749	12	819	12	819
SPECIALIZED RESEARCH/CURATION	1	25	1	25	1	25	1	25	1	25	1	25
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	7	415	7	415	9	494	11	579	13	639	13	639
EDUCATION & RELATED ACTIVITIES	3	138	4	237	6	260	6	261	6	262	6	262
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	1	42	1	42	1	42	1	42	1	42	1	42
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	4	262	4	267	7	468	7	396	7	596	7	596
TOTAL	22	1097	23	1201	30	1908	35	2052	40	2383	40	2383

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Conservation Analytical Laboratory

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	31	1739	33	2110	33	2110	33	2110	33	2110	34	2193
SPECIALIZED RESEARCH/CURATION	4	248	4	248	4	248	4	248	4	248	4	248
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	7	691	7	691	7	691	7	691	7	691	7	691
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	42	2678	44	3049	44	3049	44	3049	44	3049	45	3132

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Exhibits Central

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	46	2113	50	2325	54	2576	55	2669	56	2762	57	2855
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	46	2113	50	2325	54	2576	55	2669	56	2762	57	2855

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Inst. Traveling Exhibition Service

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	47	3385	47	4478	47	8915	47	9624	47	10483	47	11429
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	47	3385	47	4478	47	8915	47	9624	47	10483	47	11429

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Museum Support Center

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	6	396	51	1900	29	1300	29	1000	10	400	8	200
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	36	1037	37	1297	41	1235	42	1260	42	1260	44	1345
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	42	1433	88	3197	70	2535	71	2260	52	1660	52	1545

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

MSC - Equipment

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	3058	0	8000	0	8000	0	8000	0	8000	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	3058	0	8000	0	8000	0	8000	0	8000	0	0

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Asst. Secretary for Public Service

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	1	60	1	60	1	60	1	60	1	60	1	60
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	1	224	1	224	1	224	1	224	1	224	1	224
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	9	571	11	741	11	746	11	746	11	746	11	746
TOTAL	11	855	13	1025	13	1030	13	1030	13	1030	13	1030

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Telecommunications

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	14	1500	15	1954	15	1990	15	1992	15	1983	15	1994
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	14	1500	15	1954	15	1990	15	1992	15	1983	15	1994

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Visitors Info. + Assoc. Reception Ctr.

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	28	1374	30	1464	38	1812	38	2059	38	1873	38	2154
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	10	0	16	0	0	0	0	0	0	0	0
TOTAL	28	1384	30	1480	38	1812	38	2059	38	1873	38	2154

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Public Affairs

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	18	1330	19	1480	21	1571	21	1560	21	1524	21	1524
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	18	1330	19	1480	21	1571	21	1560	21	1524	21	1524

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Institution Press

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	64	20509	67	18856	67	19669	68	20725	68	21773	68	22803
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	5	267	5	267	5	267	5	267	5	267	5	267
TOTAL	69	20776	72	19123	72	19936	73	20992	73	22040	73	23070

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Folklife Program

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	122	4	457	4	457	4	457	4	477
SPECIALIZED RESEARCH/CURATION	2	105	2	105	2	105	2	105	2	105	2	105
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	21	4026	24	4182	27	4090	25	4130	25	4155	25	4155
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	8	0	8	0	8	0	8	0	8	0	8
TOTAL	23	4139	26	4417	33	4660	31	4700	31	4725	31	4745

• ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Interdisciplinary Studies

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	7	712	7	574	8	744	8	632	8	632	8	632
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	712	7	574	8	744	8	632	8	632	8	632

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Elementary and Secondary Education

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	11	693	12	744	12	722	12	722	12	722	12	722
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	693	12	744	12	722	12	722	12	722	12	722

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Science Resources Center

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	7	444	7	444	10	560	10	560	10	560	10	560
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	444	7	444	10	560	10	560	10	560	10	560

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

INTERNATIONAL ACTIVITIES

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	1	72	3	115	3	115	3	115	3	115	3	115
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	200	0	200	2	637	2	637	2	637	2	625
EDUCATION & RELATED ACTIVITIES	5	449	7	549	9	886	9	886	9	886	9	886
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	13	960	20	1393	26	1971	26	2007	26	2011	26	2012
TOTAL	19	1681	30	2257	40	3609	40	3645	40	3649	40	3638

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Regents' Fellowships + Publication Funds

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	.	180	.	205	.	240	.	300	.	300	.	300
TOTAL	.	180	.	205	.	240	.	300	.	300	.	300

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

CARE, Res., Opport., Smithson Awards

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	.	3127	.	3377	.	3700	.	4250	.	5650	.	5300
SPECIALIZED RESEARCH/CURATION	.	1880	.	1915	.	0	.	0	.	0	.	0
EDUCATION & RELATED ACTIVITIES	.	550	..	550	.	650	.	650	.	650	.	650
ADMINISTRA. & MISC. EXPENSES	.	370	.	370	.	935	.	1030	.	1132	.	1241
TOTAL	.	5927	.	6212	.	5285	.	5930	.	7432	.	7191

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Special Exhibition Fund

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
EXHIBITIONS	.	3520	.	3595	.	0	.	0	.	0	.	0
TOTAL	.	3520	.	3595	.	0	.	0	.	0	.	0

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Assistant Secretary for External Affairs

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	13	746	9	546	9	587	9	587	9	587	9	587
TOTAL	13	746	9	546	9	587	9	587	9	587	9	587

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Office of Membership + Development

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	36	1688	36	1690	44	2336	48	2484	52	2728	52	2730
TOTAL	36	1688	36	1690	44	2336	48	2484	52	2728	52	2730

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Smithsonian Magazine

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	94	68160	96	69038	97	72897	98	75860	100	80600	100	84255
TOTAL	94	68160	96	69038	97	72897	98	75860	100	80600	100	84255

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

National Associates Program

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	41	21300	43	22610	45	24440	45	26610	47	28790	47	31150
TOTAL	41	21300	43	22610	45	24440	45	26610	47	28790	47	31150

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Resident Associates Program

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
RESEARCH/CURATION & DIRECT SUP	0	0	0	0	0	0	0	0	0	0	0	0
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	53	5569	53	6678	55	6850	58	7090	60	7350	60	7620
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	53	5569	53	6678	55	6850	58	7090	60	7350	60	7620

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Air + Space Magazine

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	27	8500	28	7794	31	8137	32	8498	34	8913	34	9303
TOTAL	27	8500	28	7794	31	8137	32	8498	34	8913	34	9303

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Business Management Office

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	3	270	3	390	3	410	3	430	3	450	3	470
TOTAL	3	270	3	390	3	410	3	430	3	450	3	470

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Museum Shops

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	227	27205	245	26725	250	28040	255	29410	260	30870	260	32460
TOTAL	227	27205	245	26725	250	28040	255	29410	260	30870	260	32460

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Mail Order

PROGRAM CATEGORY	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
EDUCATION & RELATED ACTIVITIES	86	22155	106	23122	118	24040	128	25000	128	26000	128	27020
TOTAL	86	22155	106	23122	118	24040	128	25000	128	26000	128	27020

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Concessions

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	2	2900	2	2902	2	2875	2	2775	2	2415	2	2320
TOTAL	2	2900	2	2902	2	2875	2	2775	2	2415	2	2320

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

Product Development and Licensing

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
EDUCATION & RELATED ACTIVITIES	5	760	6	824	6	915	6	975	6	1015	6	1050
TOTAL	5	760	6	824	6	915	6	975	6	1015	6	1050

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

CENTRAL MANAGEMENT OFFICES-SUMMARY

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	2	139	2	139	2	139	2	139	2	139	2	139
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	0	0	0	0	0	0	0	0	0	0	0
SAFETY	0	0	0	0	0	0	0	0	0	0	0	0
ADMINISTRA. & MISC. EXPENSES	61	4635	70	5358	70	5344	70	5346	70	5348	70	5350
TOTAL	63	4774	72	5497	72	5483	72	5485	72	5487	72	5489

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

SPECIALIZED ADMIN + TECH OFFICES-SUMMARY

	FY 1990 FT EMPL	FY 1990 $ 000	FY 1991 FT EMPL	FY 1991 $ 000	FY 1992 FT EMPL	FY 1992 $ 000	FY 1993 FT EMPL	FY 1993 $ 000	FY 1994 FT EMPL	FY 1994 $ 000	FY 1995 FT EMPL	FY 1995 $ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	4	212	5	269	6	285	6	285	6	285	6	281
SPECIALIZED RESEARCH/CURATION	2	78	2	78	2	78	2	78	2	78	2	78
TECHNICAL SUPPORT MULTIPURPOSE	117	6560	144	10312	168	13774	160	13007	158	12275	159	12361
EXHIBITIONS	0	0	0	0	0	0	0	0	0	0	0	0
EDUCATION & RELATED ACTIVITIES	0	0	0	0	0	0	0	0	0	0	0	0
SECURITY	0	0	0	0	0	0	0	0	0	0	0	0
BUILDING MAINT. & PLANT SERV	0	1462	0	1462	0	1462	0	1462	0	1462	0	1462
SAFETY	30	1725	32	1878	33	1933	33	1933	33	1933	33	1933
ADMINISTRA. & MISC. EXPENSES	372	21850	392	24385	408	25026	411	24949	414	24974	417	25163
TOTAL	525	31887	575	38384	617	42558	612	41714	613	41007	617	41278

ALL FUNDS
OPERATING EXPENSES
BY PROGRAM CATEGORY

FACILITIES SERVICES

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000	FT EMPL	$ 000
PROGRAM CATEGORY												
RESEARCH/CURATION & DIRECT SUP	5	215	5	215	5	215	5	215	5	215	5	215
SPECIALIZED RESEARCH/CURATION	0	0	0	0	0	0	0	0	0	0	0	0
TECHNICAL SUPPORT MULTIPURPOSE	0	0	0	0	0	0	0	0	0	0	0	0
EXHIBITIONS	2	84	2	84	2	104	2	104	2	104	2	106
EDUCATION & RELATED ACTIVITIES	1	344	1	351	1	360	1	369	1	378	1	388
SECURITY	740	22454	780	24323	835	25977	844	26195	853	26413	862	26631
BUILDING MAINT. & PLANT SERV	536	44855	570	47680	596	50436	605	51824	614	53136	621	54433
SAFETY	1	50	1	50	1	50	1	50	1	50	1	50
ADMINISTRA. & MISC. EXPENSES	42	2586	42	2587	42	2557	42	2557	42	2555	42	2608
TOTAL	1327	70588	1401	75290	1482	79699	1500	81314	1518	82851	1534	84431

Projected Operating Expenses by Bureau, by Fund Source

This section displays the projected resources for each bureau and office, by source of funds. In each case the federal projections are consistent with the FY 1991 budget request submitted to the Office of Management and Budget. The projected resources reflect growth in programs as planned by each bureau. The sum of the individual bureau projections may not equal Institution-wide projected resource requirements in fiscal years 1992 -1995.

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Asst. Secretary for Research

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	24	1014	25	1104	25	1144	25	1164	25	1164	25	1184
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	725	2	725	2	725	2	726	2	728	2	729
RESTRICTED FUNDS	.	256	.	266	.	273	.	286	.	297	.	304
GOVERNMENT GRANTS & CONTRACTS	.	79	.	24	.	25	.	25	.	26	.	27
GRAND TOTAL - ALL FUNDS	26	2074	27	2119	27	2167	27	2201	27	2215	27	2244

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Joseph Henry Papers

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	5	228	7	313	9	403	10	448	10	525	10	496
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	2	.	0	.	0	.	0	.	0	.	0
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	5	230	7	313	9	403	10	448	10	525	10	496

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

American Studies

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	2	111	2	111	2	111	2	111	2	111	2	111
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	23	.	23	.	24	.	24	.	24	.	24
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	2	134	2	134	2	135	2	135	2	135	2	135

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Fellowships + Grants

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	9	369	10	427	10	427	10	427	10	427	10	427
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	133	4	133	4	140	4	145	4	145	4	140
RESTRICTED FUNDS	.	25	.	15	.	15	.	16	.	16	.	0
GRAND TOTAL - ALL FUNDS	13	527	14	575	14	582	14	588	14	588	14	567

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Fellowship Awards

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	2033	.	2033	.	2820	.	3170	.	3520	.	3870
GRAND TOTAL - ALL FUNDS	.	2033	.	2033	.	2820	.	3170	.	3520	.	3870

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Astrophysical Observatory

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	111	11172	125	12334	142	13669	148	14107	152	14457	152	14675
UNRESTRICTED & SPECIAL PURPOSE FUNDS	83	8679	95	10194	95	9877	95	10046	95	10262	95	10496
RESTRICTED FUNDS	0	81	0	40	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	119	26355	118	27307	114	22671	109	18961	105	17505	94	17508
GRAND TOTAL - ALL FUNDS	313	46287	338	49875	351	46217	352	43114	352	42224	341	42679

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Tropical Research Institute

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	127	5664	144	6845	192	9283	191	8503	193	8790	194	8807
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	577	3	577	4	646	4	648	4	651	4	664
RESTRICTED FUNDS	0	250	0	275	0	275	0	275	0	275	0	275
GOVERNMENT GRANTS & CONTRACTS	12	1020	12	1020	12	743	12	0	12	0	12	0
GRAND TOTAL - ALL FUNDS	143	7511	159	8717	208	10947	207	9426	209	9716	210	9746

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Environmental Research Center

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	31	1532	37	1871	43	2052	43	2056	45	2157	45	2157
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	198	2	199	2	214	2	214	2	214	2	214
RESTRICTED FUNDS	.	22	.	15	.	15	.	15	.	15	.	15
GOVERNMENT GRANTS & CONTRACTS	.	390	.	400	.	210	.	210	.	210	.	210
GRAND TOTAL - ALL FUNDS	33	2142	39	2485	45	2491	45	2495	47	2596	47	2596

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Zoological Park

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	346	14638	360	15638	378	16726	383	16937	394	17314	395	17395
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	795	4	811	4	2455	4	4094	4	1007	4	597
RESTRICTED FUNDS	1	1223	1	1574	1	1761	1	1799	1	1771	1	2074
GOVERNMENT GRANTS & CONTRACTS	.	132	.	120	.	38	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	351	16788	365	18143	383	20980	388	22830	399	20092	400	20066

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Institution Archives

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	15	621	21	861	25	1001	26	1032	27	1061	28	1090
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	215	6	215	6	215	6	215	6	215	6	215
GRAND TOTAL - ALL FUNDS	21	836	27	1076	31	1216	32	1247	33	1276	34	1305

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Institution Libraries

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	102	5338	111	5919	114	6129	114	6234	114	6339	114	6444
UNRESTRICTED & SPECIAL PURPOSE FUNDS	11	419	11	418	11	418	11	418	11	418	11	418
RESTRICTED FUNDS	.	13	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	113	5770	122	6337	125	6547	125	6652	125	6757	125	6862

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Major Scientific Instrumentation

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	2176	0	5794	0	9093	0	5991	0	4891	0	3626
GRAND TOTAL - ALL FUNDS	0	2176	0	5794	0	9093	0	5991	0	4891	0	3626

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Int'l Environmental Science Program

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	13	781	19	1261	25	1911	26	2109	26	2248	26	2336
GRAND TOTAL - ALL FUNDS	13	781	19	1261	25	1911	26	2109	26	2248	26	2336

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Asst. Secretary for Museums

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	9	579	13	859	14	959	14	959	14	959	14	959
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	220	1	234	1	234	1	234	1	234	1	234
RESTRICTED FUNDS	1	173	.	0	.	0	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	11	972	14	1093	15	1193	15	1193	15	1193	15	1193

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Museum Programs

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	12	438	14	560	14	560	14	560	14	560	14	560
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	19	0	19	0	34	0	34	0	34	0	34
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	12	457	14	579	14	594	14	594	14	594	14	594

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of the Registrar

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	3	151	3	197	3	313	3	313	3	313	3	313
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	3	151	3	197	3	313	3	313	3	313	3	313

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Museum of Natural History

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	584	27573	619	30747	653	35088	676	36573	682	36344	688	36591
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	1375	8	1609	13	1819	13	1792	13	2005	13	1954
RESTRICTED FUNDS	17	3085	17	3102	17	3048	17	5053	17	5713	17	2675
GOVERNMENT GRANTS & CONTRACTS	10	780	10	759	10	779	10	798	10	815	10	849
GRAND TOTAL - ALL FUNDS	617	32813	654	36217	693	40734	716	44216	722	44877	728	42069

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Air and Space Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	216	9904	220	10091	228	10830	231	10900	233	10987	234	10918
UNRESTRICTED & SPECIAL PURPOSE FUNDS	49	4663	49	4843	49	5120	50	5449	49	5476	49	5646
RESTRICTED FUNDS	3	1557	4	1666	1	907	0	367	0	322	0	311
GOVERNMENT GRANTS & CONTRACTS	5	304	4	242	3	70	3	46	3	46	3	47
GRAND TOTAL - ALL FUNDS	273	16428	277	16842	281	16927	284	16762	285	16831	286	16922

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Museum of American History

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	340	15666	367	16726	375	17854	374	17040	372	16710	365	16538
UNRESTRICTED & SPECIAL PURPOSE FUNDS	11	1091	10	1017	10	1168	10	1150	10	1129	10	1146
RESTRICTED FUNDS	4	2212	4	1773	3	1410	3	1596	3	1267	2	1465
GRAND TOTAL - ALL FUNDS	355	18969	381	19516	388	20432	387	19786	385	19106	377	19149

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Museum of the American Indian

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	69	6000	107	9170	107	9170	107	9170	107	9170	107	9170
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	69	6000	107	9170	107	9170	107	9170	107	9170	107	9170

NOTE: Projections for fiscal years 1992 through 1995 do not include approximately $8 million additional federal funds for program operations. Fiscal year 1991 includes $2.5 million for programs, $6 million for transition costs, and $0.7 million for fund raising support.

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Museum of American Art

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	121	5714	129	5978	133	6172	132	6155	133	6165	133	6174
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	525	1	748	1	640	1	508	1	514	1	492
RESTRICTED FUNDS	.	1000	.	654	.	549	.	294	.	187	.	186
GRAND TOTAL - ALL FUNDS	121	7239	130	7380	134	7361	133	6957	134	6866	134	6852

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Portrait Gallery

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	88	4304	90	4538	93	4823	93	4571	93	4580	94	4600
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	114	0	96	0	167	0	180	0	185	0	184
RESTRICTED FUNDS	.	559	.	773	.	479	.	718	.	131	.	95
GOVERNMENT GRANTS & CONTRACTS	.	0	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	88	4977	90	5407	93	5469	93	5469	93	4896	94	4879

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Hirshhorn Museum + Sculpture Garden

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	78	3556	78	3656	80	5639	80	5764	80	5314	80	5314
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	505	0	102	0	123	0	124	0	130	0	131
RESTRICTED FUNDS	.	1598	.	1666	.	1537	.	1609	.	1682	.	1782
GRAND TOTAL - ALL FUNDS	78	5659	78	5424	80	7299	80	7497	80	7126	80	7227

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Arthur M. Sackler Gallery / Freer Gallery of Art

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	68	4390	75	5314	76	6225	76	5550	78	5725	78	5800
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	94	1	96	1	105	1	105	1	105	1	105
RESTRICTED FUNDS	23	3210	23	3035	23	3641	23	3058	23	2983	23	3008
GRAND TOTAL - ALL FUNDS	92	7694	99	8445	100	9971	100	8713	102	8813	102	8913

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Archives of American Art

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	20	1141	24	1186	26	1309	27	1354	27	1404	29	1484
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	98	0	98	0	98	0	98	0	98	0	98
RESTRICTED FUNDS	12	1758	12	1707	12	1567	12	1565	12	1589	12	1603
GRAND TOTAL - ALL FUNDS	32	2997	36	2991	38	2974	39	3017	39	3091	41	3185

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Cooper-Hewitt Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	32	1297	44	2021	46	2899	46	3049	46	2499	46	2499
UNRESTRICTED & SPECIAL PURPOSE FUNDS	25	2028	25	2056	25	2078	25	2091	25	2108	25	2108
RESTRICTED FUNDS	1	934	1	252	1	251	1	279	1	231	1	231
GOVERNMENT GRANTS & CONTRACTS	.	0	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	58	4259	70	4329	72	5228	72	5419	72	4838	72	4838

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Museum of African Art

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	58	3659	58	3679	61	4050	61	4055	61	4050	61	4023
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	311	4	311	1	121	1	121	1	121	1	121
RESTRICTED FUNDS	.	48	.	25	.	25	.	35	.	35	.	35
GRAND TOTAL - ALL FUNDS	62	4018	62	4015	62	4196	62	4211	62	4206	62	4179

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Anacostia Museum

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	21	1050	22	1149	29	1845	34	1985	39	2315	39	2315
UNRESTRICTED & SPECIAL PURPOSE FUNDS	1	47	1	52	1	63	1	67	1	68	1	68
GRAND TOTAL - ALL FUNDS	22	1097	23	1201	30	1908	35	2052	40	2383	40	2383

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Conservation Analytical Laboratory

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	42	2628	44	2999	44	2999	44	2999	44	2999	45	3082
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	50	0	50	0	50	0	50	0	50	0	50
GRAND TOTAL - ALL FUNDS	42	2678	44	3049	44	3049	44	3049	44	3049	45	3132

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Exhibits Central

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	46	1963	50	2175	54	2426	55	2519	56	2612	57	2705
UNRESTRICTED & SPECIAL PURPOSE FUNDS	0	150	0	150	0	150	0	150	0	150	0	150
GRAND TOTAL - ALL FUNDS	46	2113	50	2325	54	2576	55	2669	56	2762	57	2855

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Inst. Traveling Exhibition Service

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	15	708	39	2108	39	5815	39	6326	39	6887	39	7506
UNRESTRICTED & SPECIAL PURPOSE FUNDS	32	2149	8	1917	8	3026	8	3298	8	3596	8	3923
RESTRICTED FUNDS	.	518	.	449	.	74	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	.	10	.	4	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	47	3385	47	4478	47	8915	47	9624	47	10483	47	11429

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Museum Support Center

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	42	1433	88	3197	70	2535	71	2260	52	1660	52	1545
GRAND TOTAL - ALL FUNDS	42	1433	88	3197	70	2535	71	2260	52	1660	52	1545

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

MSC - Equipment

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	3058	0	8000	0	8000	0	8000	0	8000	0	0
GRAND TOTAL - ALL FUNDS	0	3058	0	8000	0	8000	0	8000	0	8000	0	0

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Asst. Secretary for Public Service

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	6	359	8	496	8	496	8	496	8	496	8	496
UNRESTRICTED & SPECIAL PURPOSE FUNDS	5	496	5	529	5	534	5	534	5	534	5	534
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	11	855	13	1025	13	1030	13	1030	13	1030	13	1030

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Telecommunications

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	5	244	6	292	6	292	6	292	6	281	6	292
UNRESTRICTED & SPECIAL PURPOSE FUNDS	9	656	9	662	9	698	9	700	9	702	9	702
RESTRICTED FUNDS	.	600	.	1000	.	1000	.	1000	.	1000	.	1000
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	14	1500	15	1954	15	1990	15	1992	15	1983	15	1994

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Visitors Info. + Assoc. Reception Ctr.

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	2	183	4	293	4	309	4	438	4	330	4	475
UNRESTRICTED & SPECIAL PURPOSE FUNDS	26	1201	26	1187	34	1503	34	1621	34	1543	34	1679
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	28	1384	30	1480	38	1812	38	2059	38	1873	38	2154

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Public Affairs

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	12	664	13	814	14	879	14	869	14	833	14	833
UNRESTRICTED & SPECIAL PURPOSE FUNDS	6	666	6	666	7	692	7	691	7	691	7	691
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	18	1330	19	1480	21	1571	21	1560	21	1524	21	1524

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Institution Press

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	29	1286	31	1472	31	1496	32	1567	32	1570	32	1570
UNRESTRICTED & SPECIAL PURPOSE FUNDS	40	19490	41	17651	41	18440	41	19425	41	20470	41	21500
GRAND TOTAL - ALL FUNDS	69	20776	72	19123	72	19936	73	20992	73	22040	73	23070

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Folklife Program

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	8	826	11	1100	14	1533	12	1423	12	1423	12	1423
UNRESTRICTED & SPECIAL PURPOSE FUNDS	15	895	15	917	19	1227	19	1277	19	1202	19	1222
RESTRICTED FUNDS	0	1818	0	1700	0	1900	0	2000	0	2100	0	2100
GOVERNMENT GRANTS & CONTRACTS	0	600	0	700	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	23	4139	26	4417	33	4660	31	4700	31	4725	31	4745

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Interdisciplinary Studies

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	4	218	4	218	5	342	5	242	5	242	5	242
UNRESTRICTED & SPECIAL PURPOSE FUNDS	3	339	3	350	3	400	3	389	3	389	3	389
RESTRICTED FUNDS	.	155	.	6	.	2	.	1	.	1	.	1
GRAND TOTAL - ALL FUNDS	7	712	7	574	8	744	8	632	8	632	8	632

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Elementary and Secondary Education

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	7	415	8	455	8	433	8	433	8	433	8	433
UNRESTRICTED & SPECIAL PURPOSE FUNDS	4	278	4	289	4	289	4	289	4	289	4	289
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GRAND TOTAL - ALL FUNDS	11	693	12	744	12	722	12	722	12	722	12	722

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Science Resources Center

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	5	264	5	264	7	319	7	319	7	319	7	319
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	180	2	180	3	241	3	241	3	241	3	241
GRAND TOTAL - ALL FUNDS	7	444	7	444	10	560	10	560	10	560	10	560

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

INTERNATIONAL ACTIVITIES

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	8	839	15	1157	24	2303	24	2339	24	2343	24	2332
UNRESTRICTED & SPECIAL PURPOSE FUNDS	11	842	15	1100	16	1306	16	1306	16	1306	16	1306
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	19	1681	30	2257	40	3609	40	3645	40	3649	40	3638

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Regents' Fellowships + Publication Funds

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	180	.	205	.	240	.	300	.	300	.	300
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	0	180	0	205	0	240	0	300	0	300	0	300

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

CARE, Res., Opport., Smithson Awards

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	5927	.	6212	.	5285	.	5930	.	7432	.	7191
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	0	5927	0	6212	0	5285	0	5930	0	7432	0	7191

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Special Exhibition Fund

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	.	3520	.	3595	.	0	.	0	.	0	.	0
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	0	3520	0	3595	0	0	0	0	0	0	0	0

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Assistant Secretary for External Affairs

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	13	746	9	546	9	587	9	587	9	587	9	587
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	13	746	9	546	9	587	9	587	9	587	9	587

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Office of Membership + Development

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	36	1680	36	1682	44	2327	48	2475	52	2719	52	2720
RESTRICTED FUNDS	0	8	0	8	0	9	0	9	0	9	0	10
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	36	1688	36	1690	44	2336	48	2484	52	2728	52	2730

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Smithsonian Magazine

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	94	68160	96	69038	97	72897	98	75860	100	80600	100	84255
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	94	68160	96	69038	97	72897	98	75860	100	80600	100	84255

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

National Associates Program

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	41	21300	43	22610	45	24440	45	26610	47	28790	47	31150
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	41	21300	43	22610	45	24440	45	26610	47	28790	47	31150

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Resident Associates Program

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	53	5545	53	6671	55	6850	58	7090	60	7350	60	7620
RESTRICTED FUNDS	0	24	0	7	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	53	5569	53	6678	55	6850	58	7090	60	7350	60	7620

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Air + Space Magazine

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
UNRESTRICTED & SPECIAL PURPOSE FUNDS	27	8500	28	7794	31	8137	32	8498	34	8913	34	9303
GRAND TOTAL - ALL FUNDS	27	8500	28	7794	31	8137	32	8498	34	8913	34	9303

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Business Management Office

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	3	270	3	390	3	410	3	430	3	450	3	470
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	3	270	3	390	3	410	3	430	3	450	3	470

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Museum Shops

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	227	27205	245	26725	250	28040	255	29410	260	30870	260	32460
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	227	27205	245	26725	250	28040	255	29410	260	30870	260	32460

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Mail Order

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	86	22155	106	23122	118	24040	128	25000	128	26000	128	27020
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	86	22155	106	23122	118	24040	128	25000	128	26000	128	27020

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Concessions

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	0	0	0	0	0	0	0	0	0	0	0	0
UNRESTRICTED & SPECIAL PURPOSE FUNDS	2	2900	2	2902	2	2875	2	2775	2	2415	2	2320
RESTRICTED FUNDS	0	0	0	0	0	0	0	0	0	0	0	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	2	2900	2	2902	2	2875	2	2775	2	2415	2	2320

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

Product Development and Licensing

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
UNRESTRICTED & SPECIAL PURPOSE FUNDS	5	760	6	824	6	915	6	975	6	1015	6	1050
GRAND TOTAL - ALL FUNDS	5	760	6	824	6	915	6	975	6	1015	6	1050

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

CENTRAL MANAGEMENT OFFICES-SUMMARY

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	37	2107	43	2456	43	2456	43	2456	43	2456	43	2456
UNRESTRICTED & SPECIAL PURPOSE FUNDS	26	2539	29	2912	29	2896	29	2896	29	2896	29	2896
RESTRICTED FUNDS	.	128	.	129	.	131	.	133	.	135	.	137
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	63	4774	72	5497	72	5483	72	5485	72	5487	72	5489

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

SPECIALIZED ADMIN + TECH OFFICES-SUMMARY

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	319	18350	364	23803	399	28701	408	28416	408	27789	411	27980
UNRESTRICTED & SPECIAL PURPOSE FUNDS	206	13537	211	14581	218	13857	204	13298	205	13218	206	13298
RESTRICTED FUNDS	.	0	.	0	.	0	.	0	.	0	.	0
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	525	31887	575	38384	617	42558	612	41714	613	41007	617	41278

FORM STE-1

SMITHSONIAN INSTITUTION
APPLICATION OF OPERATING FUNDS
BUDGET 1990 AND PROJECTED THROUGH 1995

FACILITIES SERVICES

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994		FY 1995	
	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)	FT EMP	$ (000)
FEDERAL SALARY & EXPENSES	1308	68396	1382	73053	1463	77447	1481	79041	1499	80560	1515	82113
UNRESTRICTED & SPECIAL PURPOSE FUNDS	19	2189	19	2235	19	2250	19	2271	19	2289	19	2316
RESTRICTED FUNDS	0	3	0	2	0	2	0	2	0	2	0	2
GOVERNMENT GRANTS & CONTRACTS	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL - ALL FUNDS	1327	70588	1401	75290	1482	79699	1500	81314	1518	82851	1534	84431

Repair and Restoration of Buildings, and Minor Construction

This section displays the projected resources through fiscal year 1995 for the Repair and Restoration of Buildings program and for the Federal Construction program, Minor Construction. In each case, the federal projections are consistent with the Institution's fiscal year 1991 budget request submitted to the Office of Management and Budget. This section displays projections by building and by each major category of repair.

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM SUMMARY SHEET

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS	1,845	3,785	4,505	1,500	1,190	895
2. FACADE, ROOF & TERRACE REPAIRS	5,710	9,090	3,275	510	745	1,235
3. FIRE DETECTION & SUPPRESSION	460	925	450	120	300	0
4. ACCESS, SAFETY & SECURITY	2,385	2,565	2,725	1,445	1,375	1,775
5. UTILITY SYSTEM REPAIRS	1,895	3,405	6,905	2,655	925	150
6. ADVANCED PLANNING & INSPECTION	733	1,300	895	1,250	2,150	1,750
Subtotal	13,028	21,070	18,755	7,480	6,685	5,805

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Subtotal	13,625	13,930	18,840	27,120	29,110	30,585

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	26,653	35,000	37,595	34,600	35,795	36,390

FEDERAL CONSTRUCTION PROGRAM, MINOR CONSTRUCTION

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Subtotal	4,040	5,540	6,610	7,765	6,805	5,745

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	4,040	5,540	6,610	7,765	6,805	5,745

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
GRAND TOTAL	30,693	40,540	44,205	42,365	42,600	42,135

RECAP BY BUILDING - REPAIR & RESTORATION OF BUILDINGS PROGRAM

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
30 - NATIONAL MUSEUM OF AMERICAN HISTORY	4,225	4,550	7,920	3,840	1,710	200
31 - NATIONAL MUSEUM OF NATURAL HISTORY	10,255	10,280	13,425	17,450	17,850	16,400
32 - SMITHSONIAN INSTITUTION BUILDING	1,600	660	150	650	1,100	3,175
33 - ARTS & INDUSTRIES BUILDING	170	365	1,075	7,160	7,160	7,660
34 - AMERICAN ART/PORTRAIT GALLERY	510	275	225	455	1,800	1,800
35 - NATIONAL AIR & SPACE MUSEUM	2,670	7,245	3,750	100	1,750	2,350
36 - RENWICK GALLERY	435	0	1,000	0	0	0
37 - FREER GALLERY OF ART	1,400	1,150	210	0	0	0
38 - SILVER HILL FACILITY	50	325	1,055	105	105	105
44 - SMITHSONIAN ENVIRONMENTAL RESEARCH CNTR	125	630	430	90	105	120
45 - HIRSHHORN MUSEUM & SCULPTURE GARDEN	1,400	860	1,660	120	0	0
46 - ANACOSTIA MUSEUM	170	230	70	50	50	50
50 - SMITHSONIAN TROPICAL RESEARCH INSTITUTION	130	510	260	185	195	185
51 - SMITHSONIAN ASTROPHYSICAL OBSERVATORY	335	470	795	775	120	120
58 - COOPER-HEWITT MUSEUM	490	3,730	1,475	245	75	50
71 - MUSEUM SUPPORT CENTER	305	190	555	0	0	0
- OTHER PROJECTS	2,383	3,530	3,540	3,375	3,775	4,175
Total Request	26,653	35,000	37,595	34,600	35,795	36,390

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Miscellaneous Loading Dock Repairs	0	0	500	0	0	0
Shading & Screening	0	0	0	0	110	0
4th. & 5th. Floor Painting & Repair of Wall Penetrations	0	0	200	0	0	0
Repave & Paint Parking Lot and Roads	0	0	185	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Miscellaneous Facade & Terrace Repairs	0	0	400	0	0	0
Garage Leakage Study	0	0	20	0	0	0
Terrace Repairs	0	650	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Install Panic Hardware	0	25	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Numismatic Security Study/Implementation	50	35	0	0	0	0
Elevator Modifications	225	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Elect. Switchgear Replacement	0	0	750	800	0	0
Bsemt. Ventilation Interim Improvements	200	0	0	0	0	0
Damper & Exhaust Fan Modifications	0	0	60	0	0	0
4th. & 5th. Floor Thermostats	0	0	35	0	0	0
Exhaust Air Heat Recovery	0	0	170	0	0	0
AB070 Dust Collection System	75	0	0	0	0	0
Replace Drinking Fountain Cooling System	0	50	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Trash Compactor Study	0	0	20 **	0	0	0
Total Request	550	760	2,340	800	110	0

** Subsequent year funding will be required for implementation.

RENOVATION & RESTORATION OF BUILDINGS PROGRAM CONTINUED ON NEXT PAGE

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. MASTER COORDINATION PLAN						
Demolition, Asbestos Removal, Arch./Struct., HVAC, Special Constr., Fire Protection and Construction Contingency	3,200	3,300	4,830	0	0	0
Design Costs	275	290	0	0	0	0
Relocation Costs	200	200	300	200	0	0
2. BASEMENT HVAC IMPROVEMENTS						
Demolition, Asbestos Removal, Arch./Struct., HVAC, Special Constr., Fire Protection and Construction Contingency	0	0	0	2,500	1,400	0
Design Costs	0	0	250	140	0	0
Relocation Costs	0	0	200	200	200	200
Total Request	3,675	3,790	5,580	3,040	1,600	200

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	4,225	4,550	7,920	3,840	1,710	200

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
North & South Entrance Grate System	0	0	0	0	85	0
Mezzanines - All Floors	400	400	0	0	0	0
Replace Facade Stones with New Museum Name	0	0	250	0	0	0
Fountain Modifications	0	0	0	0	0	0
Conservation Lab Improvement	300	200	0	0	0	0
Basement Modifications	0	0	0	550 *	0	0
Compact Shelving, Archives & Musical Instruments	0	0	0	380	0	0
Compact Shelving, Numismatics	0	0	100	0	0	0
Library Study Room Renovation	0	0	0	0	350	0
Space Relocations at Newington	0	0	200	0	0	0
Total Request	700	600	550	930	435	0

* Coordinate with Basement HVAC Improvements in MCR category.

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	700	600	550	930	435	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (30 - NMAH)	4,925	5,150	8,470	4,770	2,145	200

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Baird Auditorium Improvements (Stage Mech. Lift)	0	0	35	0	0	0
Inner Doors at Loading Dock	0	0	60	0	0	0
Parking Lot Repair	0	0	325	0	0	0
Public Area Restoration	0	0	200	200	200	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Repair - Design & Construction	0	0	0	0	500	0
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Master Plan Implementation	100	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
North & South Entrance Improvements	0	0	0	0	0	0
Hall 16 Disabled Access	120	0	0	0	0	0
Elevator Repairs	85	90	95	100	0	0
5. UTILITY SYSTEM REPAIRS						
Utility Tunnel Repairs	0	0	150	750	750	0
Miscellaneous Electrical Repairs	0	0	160	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Public Area Restoration, including Column Cleaning, Lighting, and Interior Handrails	0	50	0	0	0	0
Total Request	305	140	1,025	1,050	1,450	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. MASTER IMPLEMENTATION PLAN						
Master Plan Improvements	8,100 *	8,500	10,000	14,000	14,000	14,000
Design Costs, Master Plan (incl. essential repairs)	490 *	500	840	840	840	840
2. INTERIM CORRECTIVE MEASURES						
Interim Improvements	900 *	650	1,000	1,000	1,000	1,000
Design Costs, Interim Corrective Measures	60 *	40	60	60	60	60
Relocation Costs, Master Plan & Interim	400 *	450	500	500	500	500
Total Request	9,950	10,140	12,400	16,400	16,400	16,400

* Subsequent years funding subject to results of planning effort.

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	10,255	10,280	13,425	17,450	17,850	16,400

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
NATIONAL MUSEUM OF NATURAL HISTORY - 31

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Hall 10 Demolition	0	0	75	0	0	0
Hall 20 & 21 Demolition	0	0	220	0	0	0
Hall 27 Demolition	0	0	0	0	0	245
Hall 30 Demolition	0	0	0	0	0	170
Checkroom Improvements	50	0	0	0	0	0
New Restrooms, West Loading Dock	125	0	0	0	0	0
Space Modifications/Improvements	100	100	300	300	0	0
Board Room	700	285	0	0	0	0
Cafeteria Power Study Implementation	0	0	0	0	0	30
Total Request	975	385	595	300	0	445

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONST. PROGRAM	975	385	595	300	0	445

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (31 - NMNH)	11,230	10,665	14,020	17,750	17,850	16,845

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Tunnel Repairs & Waterproofing	350	0	0	0	0	0
Structural Inspection, Pre-pln'g Study & Implem.	250	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Restoration (Masonry)	50	50	50	50	0	0
Window Restoration/Replacement	600	200	0	0	0	0
Repointing of SI Building Facade	250	175	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Smoke Detection/Sprinklers/Fire Zones	0	0	0	0	300	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Accessibility, South Tower	100	0	0	0	0	0
Modifications at All Restrooms	0	160	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Audit	0	75	0	0	0	0
Redesign & Replace SI Steam Station	0	0	0	300	0	0
Reutilize Exhaust Air	0	0	0	300	0	0
Room T650 Air Conditioning	0	0	50	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Basement Space Use Master Plan Study	0	0	50	0	400	0
Total Request	1,600	660	150	650	700	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. Energy Study						
Implementation	0	0	0	0	0	3,000
Design Costs	0	0	0	0	400	0
Relocation Costs	0	0	0	0	0	175
Total Request	0	0	0	0	400	3,175

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	1,600	660	150	650	1,100	3,175

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN INSTITUTION BUILDING - 32

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Miscellaneous Office Modifications	0	100	100	100	100	100
Space Modifications/Relocations	0	0	0	0	0	800
Total Request	0	100	100	100	100	900

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	100	100	100	100	900

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (32 - SIB)	1,600	760	250	750	1,200	4,075

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Miscellaneous Ceiling Tile Repair	0	0	15	0	0	0
Rotunda & Halls Painting	0	165	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Statuary Refurbishment	0	0	160	0	0	500
Entry Arches Rehabilitation	0	0	110	0	0	0
Exterior Painting	100	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Accessibility	0	200	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Cooling Tower #1 Repairs/Replacement	70	0	0	0	0	0
Chiller Replacement	0	0	130	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	170	365	415	0	0	500

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. HVAC & ELEC. IMPROVEMENTS - Master Plan Implementation						
Construction Costs	0	0	0	6,000	6,000	6,000
Asbestos Abatement Costs	0	0	0	500	500	500
Design Costs	0	0	360	360	360	360
Relocation Cost	0	0	300	300	300	300
Total Request	0	0	660	7,160	7,160	7,160

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	170	365	1,075	7,160	7,160	7,660

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
ARTS & INDUSTRIES BUILDING - 33

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Miscellaneous Interior Modifications	300	300	300	800	800	800
Total Request	300	300	300	800	800	800

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	300	300	300	800	800	800

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (33 - AIB)	470	665	1,375	7,960	7,960	8,460

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Waterproofing & Detection	0	50	0	0	0	0
Great Hall Painting	0	0	60	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Moisture Study/Repair	10	50	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Improvements	200	125	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Exhaust System Modifications	100	0	65	0	0	0
Extend Library/Great Hall Mezzanine Handrails	0	0	100	0	0	0
5. UTILITY SYSTEM REPAIRS						
Test & Balance Air & Water Systems	0	0	0	35	0	0
Water Pipe Replacement	200	0	0	0	0	0
Cooling Tower Modifications	0	50	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	510	275	225	35	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. HVAC SYSTEM RENOVATION						
HVAC Improvements	0	0	0	0	1,200	1,200
Window Replacement/Repair	0	0	0	0	500	500
Design Costs	0	0	0	420	0	0
Relocation Costs	0	0	0	0	100	100
Total Request	0	0	0	420	1,800	1,800

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	510	275	225	455	1,800	1,800

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
AMERICAN ART/PORTRAIT GALLERY - 34

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Attic Modifications - Storage Racks	100	150	0	0	0	0
Room 334 Mezzanine and NW Attic Improvements	0	0	390	0	0	0
Building Renovation (Design & Construction)	0	0	0	160	800	800
Education Space Modifications, NPG	0	0	0	0	0	250
Total Request	100	150	390	160	800	1,050

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	100	150	390	160	800	1,050

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (34 - AAPG)	610	425	615	615	2,600	2,850

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Paint Structural Trusses	0	0	130	0	0	0
Replace Third Floor Ceiling	0	650	0	0	0	0
Repaint & Restripe Parking Garage	0	0	260	0	0	0
Public Restroom Modifications	120	265	0	0	0	0
Snow Melter Repairs at Ramps	0	300	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Builtup Roof Repairs	450	200	0	0	0	0
Skylight Replacement	1,200	3,400	0	0	0	0
Window Replacement	600	1,000	1,900	0	0	0
Facade Recaulking	0	0	0	0	0	500
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Master Plan Implementation	100	300	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Garage Level Elevator Lobby & Access Control	0	0	125	0	0	0
Elevator Monitor Panel	0	30	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Implementation	0	0	500	0	0	0
Electrical Reliability Improvements	0	1,100	0	0	0	0
Miscellaneous HVAC Improvements	0	0	800	0	0	0
Ventilation and Temperature Controls, Rms 1156/57	0	0	35	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Master Facility Plan	200	0	0	0	0	0
Total Request	2,670	7,245	3,750	0	0	500

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Master Facility Plan Implementation	0	0	0	0	1,500	1,500
Design Costs	0	0	0	100	100	200
Relocation Costs	0	0	0	0	150	150
Total Request	0	0	0	100	1,750	1,850

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	2,670	7,245	3,750	100	1,750	2,350

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Public Address System Modifications	0	0	0	125	0	0
East Wing Space Modifications	320	300	0	0	0	0
Escalator Storage Areas	0	0	0	0	60	0
Space Modifications, Rooms P-703 & P-713	0	0	0	0	120	0
Upgrade Electrical Panel Board	60	0	0	0	0	0
New Storage Area behind P-720	0	0	0	25	0	0
New Offices in Corridor 3400	0	0	0	175	0	0
New Restrooms/Coatroom Facility	0	0	300	0	0	0
Total Request	380	300	300	325	180	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	380	300	300	325	180	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (35 - NASM)	3,050	7,545	4,050	425	1,930	2,350

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
No Projects Identified	0	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Repairs	435	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
No Projects Identified	0	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Implementation	0	0	900	0	0	0
Upgrade Electrical Feeder	0	0	100	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	435	0	1,000	0	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	435	0	1,000	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
RENWICK GALLERY - 36

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Electrical Survey Implementation	0	0	0	0	225	0
Total Request	0	0	0	0	225	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	0	0	0	225	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (36 - RG)	435	0	1,000	0	225	0

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Renovation of Gallery Level	300	800	0	0	0	0
Attic Level Repairs	0	0	160	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Pointing & Lighting Repair	500	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Security System	0	350	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Modify Steam Heating System	0	0	0	0	0	0
New Electrical Substation	600	0	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Skylight Replacement Study	0	0	50	0	0	0
Total Request	1,400	1,150	210	0	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	1,400	1,150	210	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
FREER GALLERY OF ART - 37

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Freer Renovation	0	540 *	0	0	0	0
Sitework and Landscaping Modifications	0	40	360	0	0	0
Auditorium Renovation	0	30	270	0	0	0
Telephone System	0	100	0	0	0	0
Ground & Collection Storage Level Partitions	0	0	0	325	0	0
Light Control System	0	0	0	0	100	0
Visitor Information & Security Desk	0	0	0	0	150	0
Total Request	0	710	630	325	250	0

* Construction adjustment subject to further analysis.

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	710	630	325	250	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (37 - FGA)	1,400	1,860	840	325	250	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SILVER HILL FACILITY - 38

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
General Repairs, All Buildings	0	100	100	100	100	100
Road Repairs between Buildings 7 thru 19, 18, & 28	0	0	200	0	0	0
Perimeter Fencing	0	0	5	5	5	5
2. FACADE, ROOF & TERRACE REPAIRS						
Roof and Structural Repairs, All Buildings	50	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Emergency Generator, Garber Facility	0	0	400	0	0	0
Building 10 Addition for Chemical Cleaning (NASM)	0	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Buildings 7, 20 thru 24 - Electrical Upgrade	0	0	200	0	0	0
Building 10 - HVAC Upgrade	0	0	100	0	0	0
Replace Windows - Various Buildings	0	0	50	0	0	0
Miscellaneous Electrical Repairs	0	225	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	50	325	1,055	105	105	105

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	50	325	1,055	105	105	105

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SILVER HILL FACILITY - 38

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Improve NMNH Buildings 25 & 26 and Building 27	0	0	0	0	995	0
Environ. Controled Chamber & Balcony, Building 24 (NASM)	0	0	0	200	0	0
Artifact Storage Building (NASM)	0	75	750	0	0	0
OPLANTS Maintenance Building	0	0	0	0	0	70
Upgrade Building 17 (NMAH)	325	0	750	950	0	0
Loading Facility (NMAH)	0	0	0	0	0	60
Collection Storage (AM)	0	0	0	150	0	0
Total Request	325	75	1,500	1,300	995	130

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	325	75	1,500	1,300	995	130

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (38 - SHF)	375	400	2,555	1,405	1,100	235

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
General Repairs	45	60 *	75 *	90 *	105 *	120 *
Road Repairs	0	0	25	0	0	0
Water Tower Repairs	30	30	0	0	0	0
Renovation of Lower Level (Old Dominion Bldg.)	30	390	0	0	0	0
Construct New Boat Ramp	0	0	130	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
No Projects Identified	0	0	0	0	0	0
3. FIRE DETECTION & SUPRESSION						
Misc. Fire Protection (Field Lab., Admin. Bldg. Halon, Calf & Mule Barns)	20	0	0	0	0	0
CO2 Lab Fire/Security Repairs	0	0	150	0	0	0
4. ACCESS, SAFETY & SECURITY						
Restroom Modifications (Visitor's Center)	0	0	25	0	0	0
Access - Administration Building	0	0	25	0	0	0
5. UTILITY SYSTEM REPAIRS						
No Projects Identified	0	0	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Master Plan Update	0	150	0	0	0	0
Total Request	125	630	430	90	105	120

* Subject to reevaluation each fiscal year.

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	125	630	430	90	105	120

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Greenhouse Addition	100	0	0	0	0	0
Storage Building	0	0	365	0	0	0
Parking Lot (40 Cars)	0	0	0	0	0	40
Visitor Center at the Dock (Design & Const.)	0	0	0	220	0	0
Caretaker/Security Residence	0	0	0	110	0	0
Road Improvements	0	0	0	0	0	150
Lab Modules	0	400	0	0	400	0
Total Request	100	400	365	330	400	190

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	100	400	365	330	400	190

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (44 - SERC)	225	1,030	795	420	505	310

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Parapet & Wall Ventilation -	0	0	490	0	0	0
Pressure Grouting/Sandblasting- Sculpture Garden	0	0	10	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Court Sill	0	30	260	0	0	0
Plaza Resurfacing and Landscaping	1,200	300	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Fire Protection Improvements	0	70	0	0	0	0
Fourth Floor Art Storage Halon System	0	0	200	0	0	0
4. ACCESS, SAFETY & SECURITY						
Paint Spray Booth Modifications	100	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Miscellaneous HVAC Projects	0	260	700	120	0	0
Relocation & Replacement of Condensate Pumps	100	0	0	0	0	0
Interior Lighting Zoning Modifications	0	200	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	1,400	860	1,660	120	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	1,400	860	1,660	120	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
HIRSHHORN MUSEUM & SCULPTURE GARDEN - 45

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Interior Lighting Modifications	0	25	0	0	0	0
Space Utilization Studies/Implementation	0	0	100	0	0	0
Total Request	0	25	100	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	25	100	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (45 - HMSG)	1,400	885	1,760	120	0	0

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
General Repairs	20	30	40	50	50	50
2. FACADE, ROOF & TERRACE REPAIRS						
Paint Metal Walls	0	0	10	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Building & Parking Lot Illumination	0	50	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Miscellaneous HVAC System Repairs	150	150	0	0	0	0
Exhibit Production Electrical Repair	0	0	20	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	170	230	70	50	50	50

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	170	230	70	50	50	50

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
ANACOSTIA MUSEUM - 46

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
New Lighting for Gallery	20	0	95	0	0	0
Mezzanine Office Expansion	0	0	0	0	350	0
Total Request	20	0	95	0	350	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	20	0	95	0	350	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (46 - AM)	190	230	165	50	400	50

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
General Repairs	75	100	150	150	150	150
Pier Structural Repairs - Naos	0	0	75	0	0	0
Structural Repairs, Admin. Building - Tivoli	0	45	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Painting of Structures	0	0	35	35	45	35
Roof Repairs at Various Sites	55	55	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Chemical/Hazardous Waste Storage - Gamboa	0	50	0	0	0	0
Chemical/Hazardous Waste Storage - Naos	0	50	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Communications Structure - BCI	0	45	0	0	0	0
HVAC, Electrical, Plumbing Repair - Ancon Building	0	100	0	0	0	0
Electrical Rewiring - BCI	0	35	0	0	0	0
Building 352 HVAC Repair & Replacement	0	30	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	130	510	260	185	195	185

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	130	510	260	185	195	185

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN TROPICAL RESEARCH INSTITUTE - 50

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Seawater Systems Improvement - Naos	0	0	60	0	0	0
Aquarium Building Renovation - Naos	0	0	30	340	0	0
Lab Building Renovation - Naos	0	0	0	50	635	0
Floating Dock - Naos	0	0	0	0	75	0
Landscaping - Naos	0	0	0	0	0	50
Dive Locker Addition - Naos	0	0	0	0	35	0
Building 356 Renovation - Naos	0	0	0	0	15	0
Building 352 2nd Floor Upgrading - Naos	0	0	0	200	0	0
West Dock Facility - BCI	0	0	0	0	55	0
Boathouse Renovation - BCI	0	0	0	180	0	0
Miscellaneous Demolition - BCI	0	0	0	150	0	0
Staff Housing - BCI	0	500	0	50	450	0
Laboratory & Support Facilities - Gamboa	0	85	775	0	0	0
Administration Building Renovation - Tivoli	0	0	0	110	0	0
Visitors Center - Tivoli	0	0	0	0	0	135
Arboretum - Tivoli	0	0	0	0	0	175
Library Expansion & Renovation - Tivoli	0	0	0	620	0	0
Pipeline Road Improvements	0	0	0	0	225	0
Ancon Building Modifications	0	45	0	0	0	0
Total Request	0	630	865	1,700	1,490	360

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	630	865	1,700	1,490	360

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (50 - STRI)	130	1,140	1,125	1,885	1,685	545

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Road Repair & Improvements, Whipple	200	325	525	475	40	40
General Repairs, Whipple	50	50	60	60	60	60
General Repairs, Oak Ridge	30	60	5	5	5	5
General Repairs, Cambridge	15	15	15	15	15	15
2. FACADE, ROOF & TERRACE REPAIRS						
Replace 60-inch Dome, Whipple	0	0	0	150	0	0
3. FIRE DETECTION & SUPPRESSION						
Fire Detection System - Oak Ridge	40	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Security System, Whipple	0	0	0	70	0	0
5. UTILITY SYSTEM REPAIRS						
Computer Center UPS, Cambridge	0	0	90	0	0	0
Computer Center HVAC, Cambridge	0	0	100	0	0	0
MMT UPS Enclosure, Whipple	0	20	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	335	470	795	775	120	120

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	335	470	795	775	120	120

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
SMITHSONIAN ASTROPHYSICAL OBSERVATORY - 51

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Fiber Network, Cambridge	0	0	0	0	130	0
Fiber Network, Whipple	0	0	0	0	80	0
Infrared Telescope Building (IOTA), Whipple	200	0	0	0	0	0
10M Reflector Enclosure (Design & Constr), Whipple	0	30	0	330	0	0
Commons Bldg. Bsm't Construction (6.5 & IOTA), Whipple	0	100	0	0	0	0
Miscellaneous Modifications - All SAO Facilities	0	0	50	50	50	50
Caretaker's Residence, Whipple	0	0	0	0	0	0
Snow Plow Garage, Whipple	0	0	0	0	0	0
GRANITE Support Facilities, Whipple	0	0	110	0	0	0
MMT Building Upgrade, Whipple	0	0	0	540	0	0
Computer Center Remodeling, Cambridge	0	0	0	0	60	0
Central Building Remodeling, Oak Ridge	0	0	0	0	0	0
Submillimeter Telescope Array Building, Whipple	0	0	0	0	110	650
Mountian Fuel Storage, Whipple	0	0	0	0	10	90
Total Request	200	130	160	920	440	790

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	200	130	160	920	440	790

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (51 - SAO)	535	600	955	1,695	560	910

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
General Repairs	20	50	50	50	50	50
Miscellaneous Maintenance Projects	0	0	70	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Roof Replacement	0	2,700	0	0	0	0
Window Restoration, Miller House	0	0	0	75	0	0
Fence Repair & Painting/Restoration Study	10	80	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
Sprinkler System, Miller House	0	0	0	120	0	0
Miscellaneous Fire Protection Improvements	0	200	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Handicapped Access	200	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Energy Study Design & Implementation	200	400	405	0	0	0
Electrical Renovation, Miller House	60	250	0	0	0	0
Study & Implem. of HVAC Improvements, Miller House	0	0	600	0	0	0
Domestic Water, Miller House	0	0	150	0	0	0
Storm Window Installation, Miller House	0	0	0	0	25	0
6. ADVANCED PLANNING & INSPECTION						
Restoration Planning Study	0	50	0	0	0	0
Total Request	490	3,730	1,275	245	75	50

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Master Plan Development	0	0	200	0	0	0
Total Request	0	0	200	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	490	3,730	1,475	245	75	50

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
COOPER-HEWITT MUSEUM - 58

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Directors Office Rennovation	10	0	0	0	0	0
Attic Space Renovation	0	0	0	0	0	275
Fox House Renovation	0	260	0	0	0	0
Miller House Planning/Design/Restoration	35	75	0	0	0	0
Garden Landscaping	0	0	0	0	0	0
Total Request	45	335	0	0	0	275
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	45	335	0	0	0	275

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (58 - CHM)	535	4,065	1,475	245	75	325

Note: See "Other Projects" sheet for additional, non-bureau projects within the bureaus facility.

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
QUADRANGLE - 63

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
No Projects Identified	0	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
No Projects Identified	0	0	0	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
No Projects Identified	0	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
No Projects Identified	0	0	0	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	0	0	0	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
QUADRANGLE - 63

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Rooms 2013, 2014, 2072, & 2073	0	0	0	0	0	150
Total Request	0	0	0	0	0	150

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	0	0	0	0	150

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (63 - QD)	0	0	0	0	0	150

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
MUSEUM SUPPORT CENTER - 71

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Door Repair/Replacement at Pod 4	35	0	0	0	0	0
Miscellaneous Painting	0	0	50	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
Facade Renovations	0	0	80	0	0	0
3. FIRE DETECTION & SUPPRESSION						
No Projects Identified	0	0	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Hazardous Waste Storage	0	0	0	0	0	0
Fume Hood Modifications	100	100	0	0	0	0
Modifications to Holding Tank	30	0	0	0	0	0
Exterior Lighting Modifications	0	0	100	0	0	0
Public Address System	0	0	50	0	0	0
Miscellaneous Access & Road Repairs	0	0	40	0	0	0
Exterior Lighting & CCTV Controls	0	0	100	0	0	0
5. UTILITY SYSTEM REPAIRS						
Emergency Water Supply Increase	100	0	0	0	0	0
Cooling Tower Renovation	40	90	0	0	0	0
Miscellaneous Electrical Modifications	0	0	60	0	0	0
Miscellaneous HVAC Modifications	0	0	50	0	0	0
6. ADVANCED PLANNING & INSPECTION						
Uninterrupted Power Supply Study	0	0	25	0	0	0
Total Request	305	190	555	0	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	305	190	555	0	0	0

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
MUSEUM SUPPORT CENTER - 71

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
Weather Enclosure at Loading Dock	285	170	0	0	0	0
Lunch Room Expansion	0	20	200	0	0	0
Greenhouse (MSC Site)	0	500	0	0	0	0
LMS Lab Renovation	150	100	0	0	0	0
Total Request	435	790	200	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	435	790	200	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (71 - MSC)	740	980	755	0	0	0

Note: See "Other Projects" sheet for additional non-bureau projects within the bureaus facility.

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
No Projects Identified	0	0	0	0	0	0
2. FACADE, ROOF & TERRACE REPAIRS						
East Garden Paving & Wall Repair	0	0	50	0	0	0
3. FIRE DETECTION & SUPPRESSION						
SISC Smoke Detection	0	0	100	0	0	0
4. ACCESS, SAFETY & SECURITY						
SIL Security Modifications, NMNH	25	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Misc. Electrical Mod. SISC	0	0	190	0	0	0
6. ADVANCED PLANNING & INSPECTION						
No Projects Identified	0	0	0	0	0	0
Total Request	25	0	340	0	0	0

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	**25**	**0**	**340**	**0**	**0**	**0**

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
OTHER PROJECTS

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS		*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
SIA:	Storage Building Renovation, NZP/CRC	165	0	0	0	0	0
CAL:	Office & Space Modifications, MSC	20	375	0	0	0	0
OH:	Master Development Plan	0	0	0	0	0	150
OH:	New Shipping/Receiving Structure, Soldiers' Home	0	0	0	0	140	0
OH:	Water Supply to Planters, NASM	0	0	0	0	0	125
OH:	Electrical Study Implementation, USSAH	0	0	0	0	0	130
OPPS:	Photo Lab Storage Expansion, NMAH	200	50	0	0	0	0
SIL:	Rare Books Library, NMNH	0	0	0	375	0	0
SIL:	Compact Shelving, Various Sites	0	0	260	0	0	100
MISC:	Alterations & Modifications Planning	75	185	200	200	200	150
	Total Request	460	610	460	575	340	655

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	460	610	460	575	340	655

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (OTHERS)	485	610	800	575	340	655

REPAIR & RESTORATION OF BUILDINGS PROGRAM

REPAIR, RESTORATION & CODE COMPLIANCE	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
1. GENERAL REPAIRS						
Grounds, Sidewalk & Parking Lot Repairs	75	100	100	100	100	100
Emergency Repairs Throughout the S.I.	200	200	200	200	200	200
2. FACADE, ROOF & TERRACE REPAIRS						
General Facade Renovations	200	200	200	200	200	200
3. FIRE DETECTION & SUPPRESSION						
Lightning Protection at Various Sites, Phase 2	0	205	0	0	0	0
4. ACCESS, SAFETY & SECURITY						
Asbestos Abatement	500	1,000	1,000	1,000	1,000	1,000
Security Lighting Mall Buildings	0	350	450	275	375	775
Emergency Power Study Implementation	450	100	150	0	0	0
Security Requirements	300	0	0	0	0	0
5. UTILITY SYSTEM REPAIRS						
Mall Master Raceway System	100	125	150	150	150	150
Upgrade Controls	0	200	200	200	0	0
6. ADVANCED PLANNING & INSPECTION						
Advance Planning & Design Funds	393	500	500	500	500	500
Combined Master Plan for SI Facilities	0	250	250	250	250	250
Mall Master Site Plan	140 *	0	0	500	500	500
S.I. Wide Accessibility Plan	0	300	0	0	500	500
Total Request	2,358	3,530	3,200	3,375	3,775	4,175

* Subsequent year funding to be determined by results of the study.

MAJOR CAPITAL RENEWAL	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR R&R OF BUILDINGS PROGRAM	2,358	3,530	3,200	3,375	3,775	4,175

REPAIR & RESTORATION OF BUILDINGS & FEDERAL CONSTRUCTION - FIVE YEAR PROGRAM
MISCELLANEOUS - 00

FEDERAL CONSTRUCTION PROGRAM

ALTERATIONS & MODIFICATIONS	*FY'90*	*FY'91*	*FY'92*	*FY'93*	*FY'94*	*FY'95*
No Projects Identified	0	0	0	0	0	0
Total Request	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
TOTAL FOR FEDERAL CONSTRUCTION PROGRAM	0	0	0	0	0	0

	FY'90	FY'91	FY'92	FY'93	FY'94	FY'95
BUREAU TOTAL (00 - MISC)	2,358	3,530	3,200	3,375	3,775	4,175

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 01679 6971